

## DEPARTMENT OF THE ARMY PERMIT

Permittee: SC DEPARTMENT OF TRANSPORTATION (SCDOT)  
C/O SECRETARY CHRISTY HALL

P. O. BOX 191  
COLUMBIA, SC 29202

Permit No: SAC 2008-1333

Issuing Office: CHARLESTON DISTRICT

**NOTE:** The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

**Project Description:**

The work consists of constructing a new, limited access, approximately 75-mile long, four lane, interstate facility beginning at SC 22, northwest of Conway, South Carolina, extending through Horry, Marion, Dillon and Marlboro Counties and ending at the North Carolina/South Carolina State line, northeast of Bennettsville, South Carolina to serve residents, businesses, and travelers while fulfilling congressional intent in an environmentally sensitive manner in accordance with the attached drawings entitled: PIN\_36358 RD01, PROPOSED INTERSTATE 73, MARLBORO, DILLON, MARION AND HORRY COUNTIES, S.C. APPLICATION BY SCDOT. Sheets 1 thru 178 of 178 dated June 6, 2016.

**Project Location:**

The proposed project begins at SC-22 near Conway, South Carolina and ends at the North Carolina/South Carolina State line, northeast of Bennettsville, South Carolina and crosses various waterbodies to include Newton Bay, Beverly Creek, Cottingham Creek, Hagins Prong, Little Reedy Creek, The Gulley, Maidendown Swamp, Little Sister Bay, Back Swamp, Little Pee Dee River, Black Creek, Hannah Bay, Lake Swamp, Rattlesnake Branch, Long Branch, Joiner Swamp, Loosing Swamp, Watery Bay, Mose Swamp, Chinners Swamp, and Cross Branch.

From: Latitude North: 34.79250 N      Longitude West: -79.66042 W  
To:     Latitude North: 33.93806 N      Longitude West: -79.06833 W

**Permit Conditions:**

**General Conditions:**

1. The time limit for completing the work authorized ends on **30 June 2047**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

**Special Conditions:**

SEE PAGES 4, 5 & 6.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
- Section 404 of the Clean Water Act (33 U.S.C. 1344).
- Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

- a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
- b. This permit does not grant any property rights or exclusive privileges.
- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

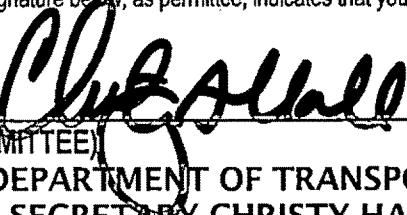
- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.

- e. Damage claims associated with any future modification, suspension, or revocation of this permit.
4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
- You fail to comply with the terms and conditions of this permit.
  - The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
  - Significant new information surfaces which this office did not consider in reaching the original public interest decision.

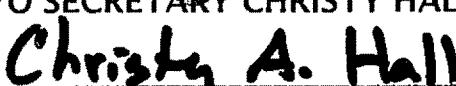
Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

  
(PERMITTEE)  
SC DEPARTMENT OF TRANSPORTATION (SCDOT)  
C/O SECRETARY CHRISTY HALL

6-19-17  
(DATE)

  
PRINT NAME

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

  
(DISTRICT ENGINEER)  
MATTHEW W. LUZZATTO, P.E., PMP, LTC

19 Jun 2017  
(DATE)

(TRANSFeree)

(DATE)

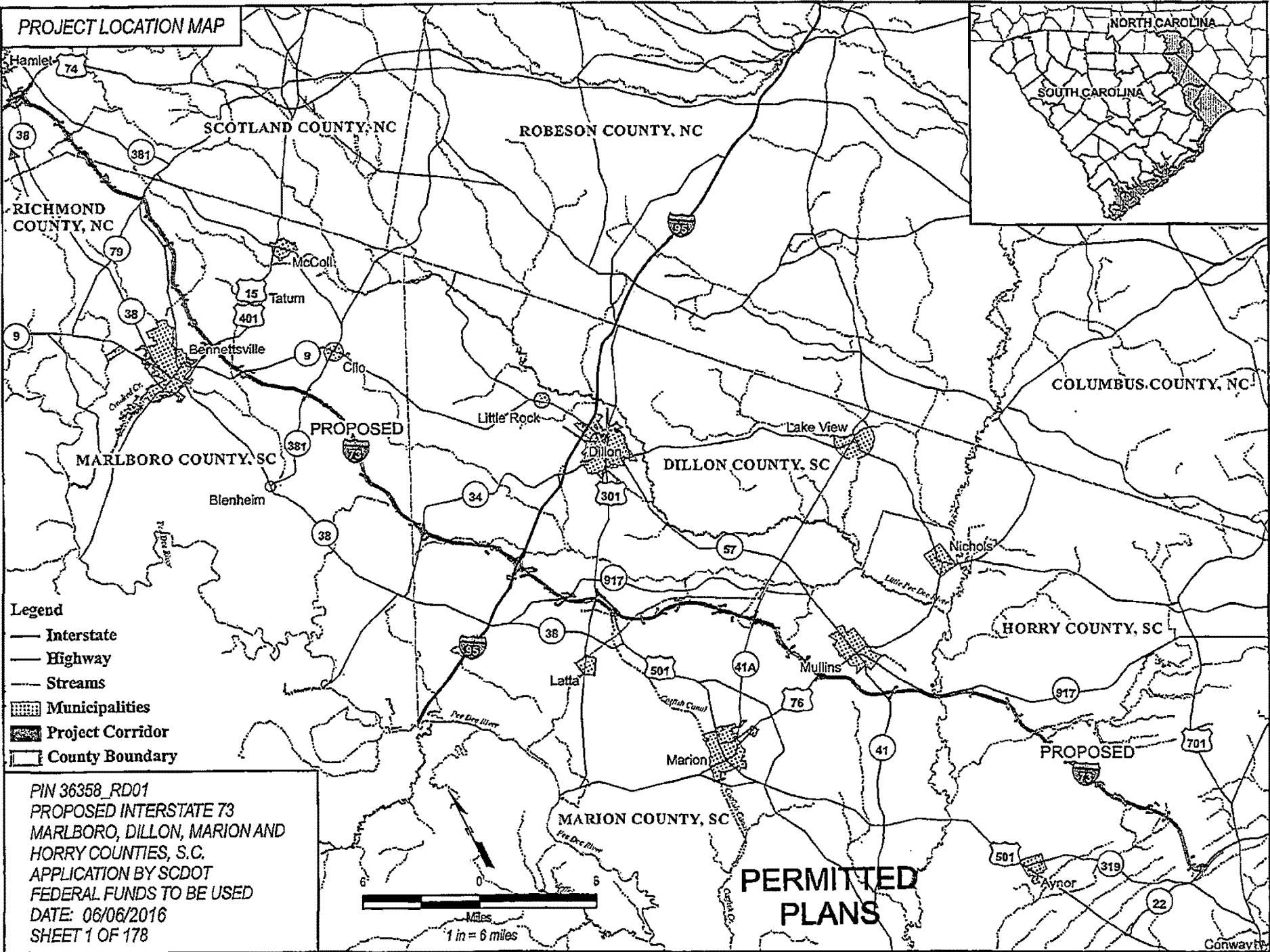
## SPECIAL CONDITIONS FOR PERMIT #: SAC 2008-1333

- a. That the permittee agrees to provide all contractors associated with construction of the authorized activity a copy of the permit and drawings. A copy of the permit will be available at the construction site at all times.
- b. That the permittee shall submit a signed compliance certification to the Corps within 60 days following completion of the authorized work and any required mitigation. The certification will include:
  1. A copy of this permit;
  2. A statement that the authorized work was done in accordance with the Corps authorization, including any general or specific conditions;
  3. A statement that any required mitigation was completed in accordance with the permit conditions;
  4. The signature of the permittee certifying the completion of the work and mitigation.
- c. The permittee understands and agrees that the Department of the Army permit has been issued based upon the permittee's intended purpose to construct and operate an interstate facility in accordance with the permitted plans. The permittee recognizes that its commitment to construct and operate the interstate facility and comply with the proposed mitigation for the impacts resulting from the project as described in the Department of the Army permit application, as well as the environmental commitments that were made as part of the development of the EISs for the I-73 project which were revised and/or re-affirmed, was a deciding factor in the favorable decision on this permit. In addition, the permittee recognizes further that a deviation from such details may be grounds for modification, suspension or revocation of this Department of the Army authorization.
- d. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
- e. That the permittee shall not interfere with the public's right to free navigation on all navigable waters of the United States, and therefore, at no time shall work impede more than 50% any navigable channel.
- f. The permittee must install and maintain, at their expense, any safety lights and signals prescribed by the U.S. Coast Guard (USCG), through regulations or otherwise, on authorized facilities. The USCG may be reached at the following address and telephone number: U. S. Coast Guard District Seven, Waterways Management Branch, 909 SE 1st Ave, Suite 406, Miami, FL. 33131, and 305-415-6755 or 305-415-6750.
- g. The permittee understands and agrees that the Department of the Army permit has been issued based upon the permittee's intended purpose to construct and operate an interstate facility in accordance with the permitted plans. The permittee recognizes that its commitment to construct and operate the interstate facility and comply with the proposed mitigation for the impacts resulting from the project as described in the Department of the Army permit application, as well as the environmental commitments that were made as part of the development of the EISs for the I-73 project which were revised and/or re-affirmed, was a deciding factor in the favorable decision on this permit. In addition, the permittee recognizes further that a deviation from such details may be grounds for modification, suspension or revocation of this Department of the Army authorization.

- h. The permittee recognizes that its commitment to perform and implement the following was a deciding factor in the favorable decision on this permit, and recognizes further that a failure on its part to both actively pursue and implement these conditions may be grounds for modification, suspension or revocation of this Department of the Army authorization:
1. As compensatory mitigation to offset impacts to aquatic resources, the permittee will implement and fully comply with the mitigation plan dated May 3, 2017, and entitled "I-73 Compensatory Mitigation Plan Dillon, Horry, Marion, and Marlboro Counties, SC SAC 2008-1333-DIS".
  2. That the permittee must submit evidence of protection of the site to both the Corps of Engineers and DHEC, prior to the commencement of authorized work.
- i. During bridge construction, access to the project site must be attained from highland, from the portions of the bridge already completed ("end on end construction") or from floating barges or mats (instead of barge canals or causeways).
- j. The permittee must implement appropriate best management practices that will minimize erosion and migration of sediments on and off the project site during and after construction. These practices should include the use of appropriate grading and sloping techniques, mulches, silt fences, or other devices capable of preventing erosion, migration of sediments, and bank failure. All disturbed land surfaces and sloped areas affected by the project must be stabilized upon project completion.
- k. Only clean earthen material free of all potential sources of pollution must be used as fill.
- l. Construction activities shall be confined within the permitted limits to prevent the unnecessary disturbance of adjacent wetland areas.
- m. Measures must be taken to prevent the spread and establishment of invasive species to the extent practicable.
- n. Appropriate containment measures must be taken to prevent pollutants such as gasoline, oil, tar, and debris and other pollutants from entering the adjacent waters or wetlands.
- o. A sufficient number of adequately sized culverts must be placed at the same elevation as the streams and wetlands to maintain flows, wetland hydrology, and unrestricted aquatic life passage.
- p. That the permittee shall comply with the following conditions during construction in the Little Pee Dee River in order to minimize potential adverse impacts to sturgeon and other anadromous fish:
1. The permittee shall implement an in-water work moratorium from February 1 to April 30.
  2. Construction of cofferdams may take place before or after the moratorium, but not during the moratorium. However, once a coffer dam is built, work inside it may continue year-round.
  3. Bridge construction will never obstruct more than half of the river at any one time.
- q. The permittee shall comply with the stipulations described in the two Memorandum of Agreements among the Federal Highway Administration, the South Carolina Department of Transportation and the South Carolina State Historic Preservation Officer regarding the Interstate 73 Project in Marlboro and Dillon Counties, South Carolina last signed on January 13, 2017 and July 17, 2008 to ensure responsibilities under Section 106 of the NHPA are fulfilled.
- r. That the permittee agrees to comply with all FEMA regulations and requirements. The permittee is advised that development activities in a Special Flood Hazard Area (i.e 100-year floodplain), as designated in the

Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM), are subject to the floodplain management regulations of the National Flood Insurance Program [(NFIP)(44CFR)]. The NFIP prohibits any development within a designated floodway, including placement of fill, without a No Impact Certification from FEMA or the local NFIP representative. The permittee shall provide this office with a copy of the No Impact Certification prior to the commencement of authorized work.

- s. For I-73 North, the permittee agrees that the drainage/conveyance system shall be designed by a licensed Professional Engineer (PE) and constructed by the permittee (or his designated assignee) to provide for the proper drainage of surface water of the drainage area of which it is a part, to permit the flow of natural or manmade watercourses, and to maintain positive drainage for adjacent properties. In addition, the drainage/conveyance system shall be sufficient to prevent any appreciable increase in water surface elevations or expansion/increases of the flood hazard area.
  - 1. Sufficient documentation, signed by a PE, shall be provided to the Corps for review/approval 120 days prior to the anticipated commencement of authorized work. Documentation, in the form of summaries of modeling/calculations, shall verify that there is no adverse change in water surface elevations or expansion/increases of the flood hazard area on adjacent properties.
  - 2. In cases where increases in water surface elevations or expansion/increases of the flood hazard area are unavoidable, the permittee shall submit to the Corps, 120 days prior to the anticipated commencement of authorized work, all information (including summaries of all data, modeling and/or studies, and inundation maps of the impacted area) supporting the determination that the increases in the flood risk are not appreciable. Written authorization/ concurrence must be received from the Corps indicating that any increases are not considered appreciable before work can commence.



SHEET KEY

SCOTLAND COUNTY, NC

**NORTH CAROLINA  
SOUTH CAROLINA**

SHEET 12

**MARLBORO COUNTY, SC**

# **PERMITTED PLANS**

## Legend

— Interstate

— Highway

## --- Streams

## Waters of the L

## Municipalities

## Project Corridor

P/N 36358 RD01

## PROPOSED INTERSTATE 73

MARLBORO, DILLON, MA

## HORRY COUNTIES, S.C.

## **APPLICATION BY SCDOT**

## FEDERAL FUNDS

DATE: 06/06/2016

SHEET 2 OF 178

**NOTES:**

(1) THE PORTION OF THE ALIGNMENT IN  
- NORTH CAROLINA WILL BE PERMITTED BY NCDOT  
THROUGH THE USACE WILMINGTON DISTRICT

(2) SHEETS INDICATE LOCATIONS OF IMPACTS TO JURISDICTIONAL WATERS OF THE U.S. ALONG THE PROJECT CORRIDOR

FACTORY 1

SHEET KEY

Tatum

117

BERRY RD.

SHEET 20

SHEET 19

SHEET 21 =

SHEET 23

SPEARS CH R

**CARLBORO COUNTY, SC**

### Legend

- Interstate
  - Highway
  - Streams
  - Waters of the U.S.
  - Municipalities
  - Project Corridor
  - County Boundary

4,000                  0                  4,000

Feet  
1 in. = 4,000 feet

## **PERMITTED PLANS**

Bennettsville

CARROLL

11

Feet  
1 in = 4,000 feet

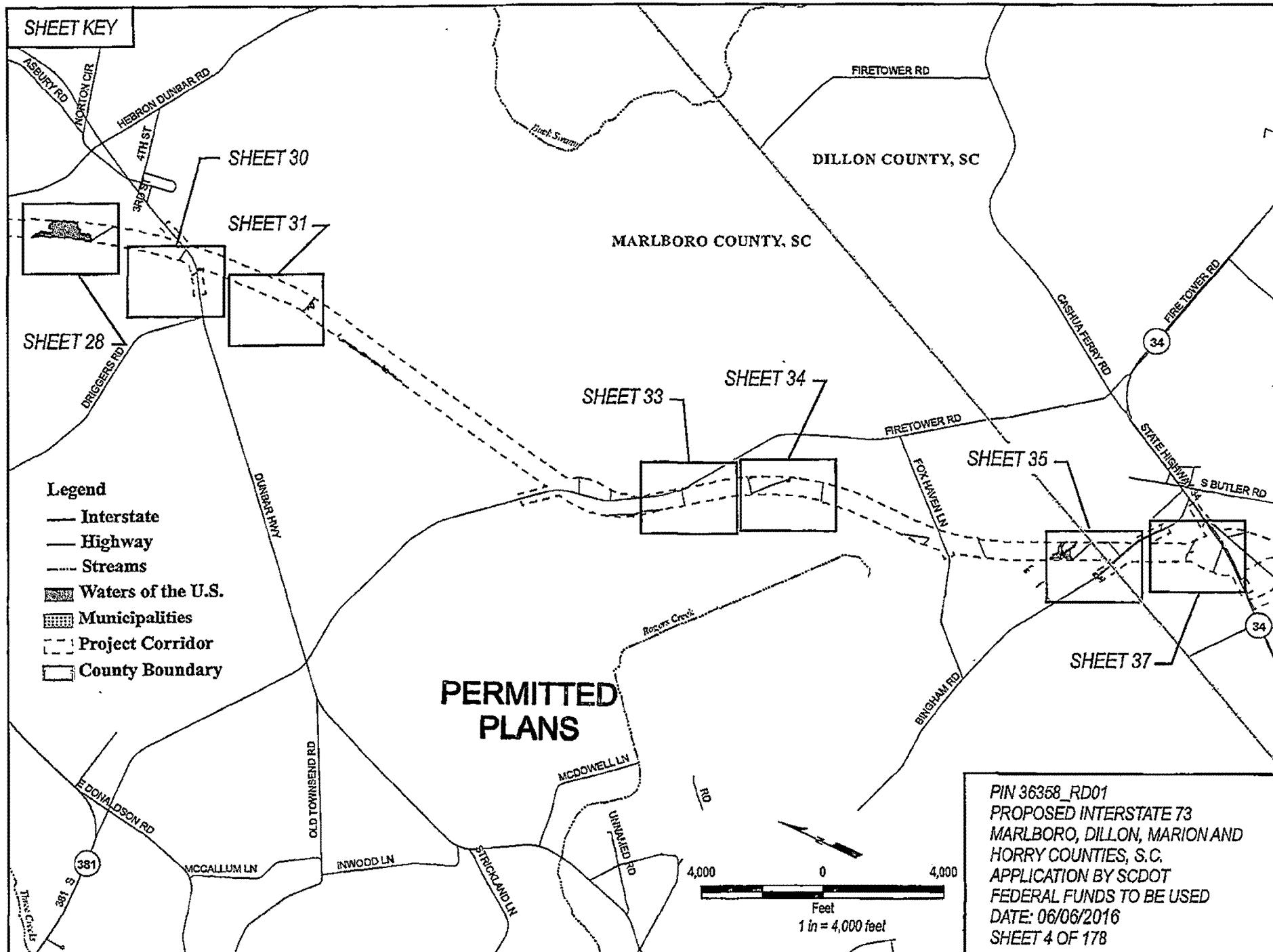
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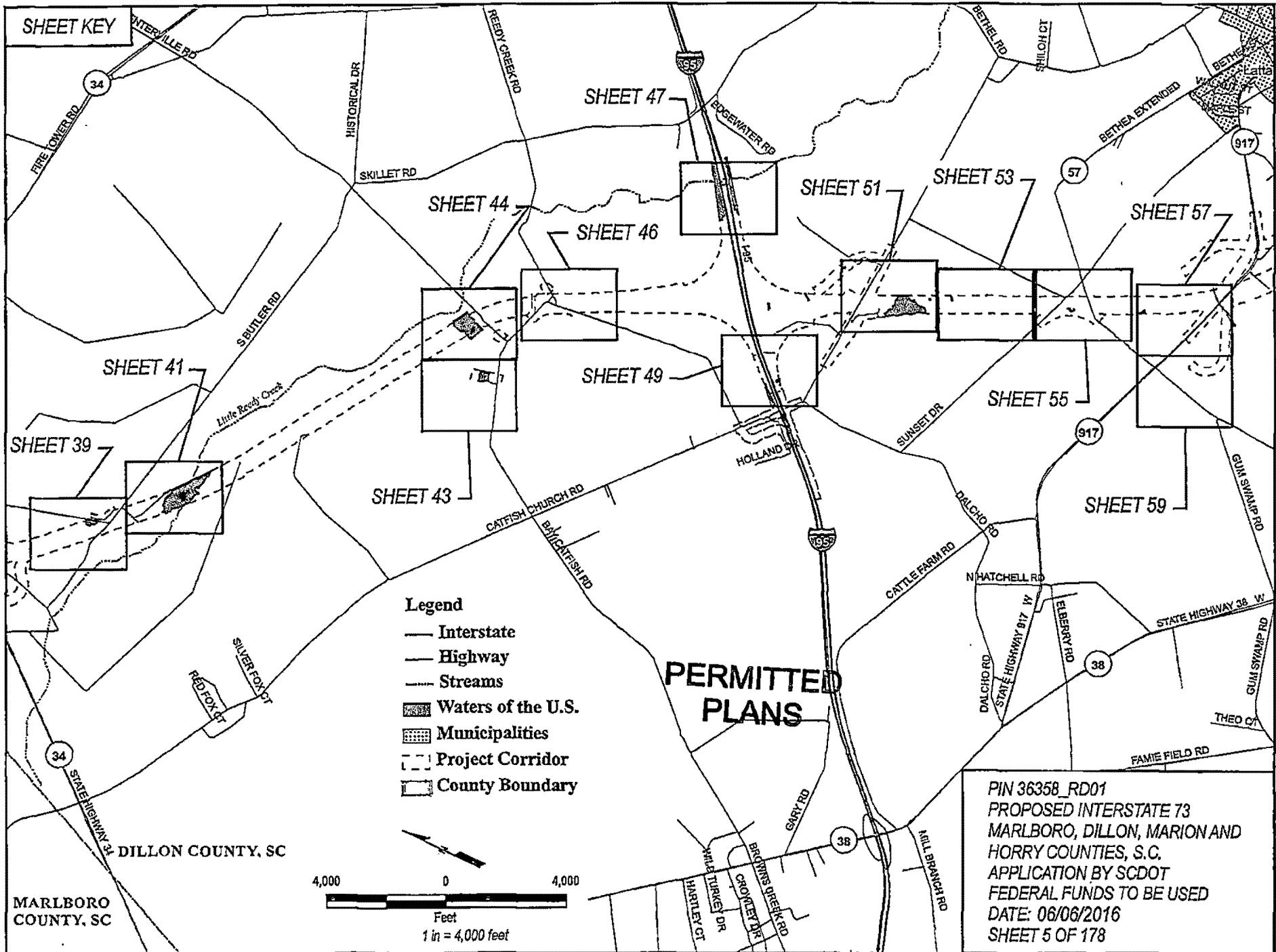
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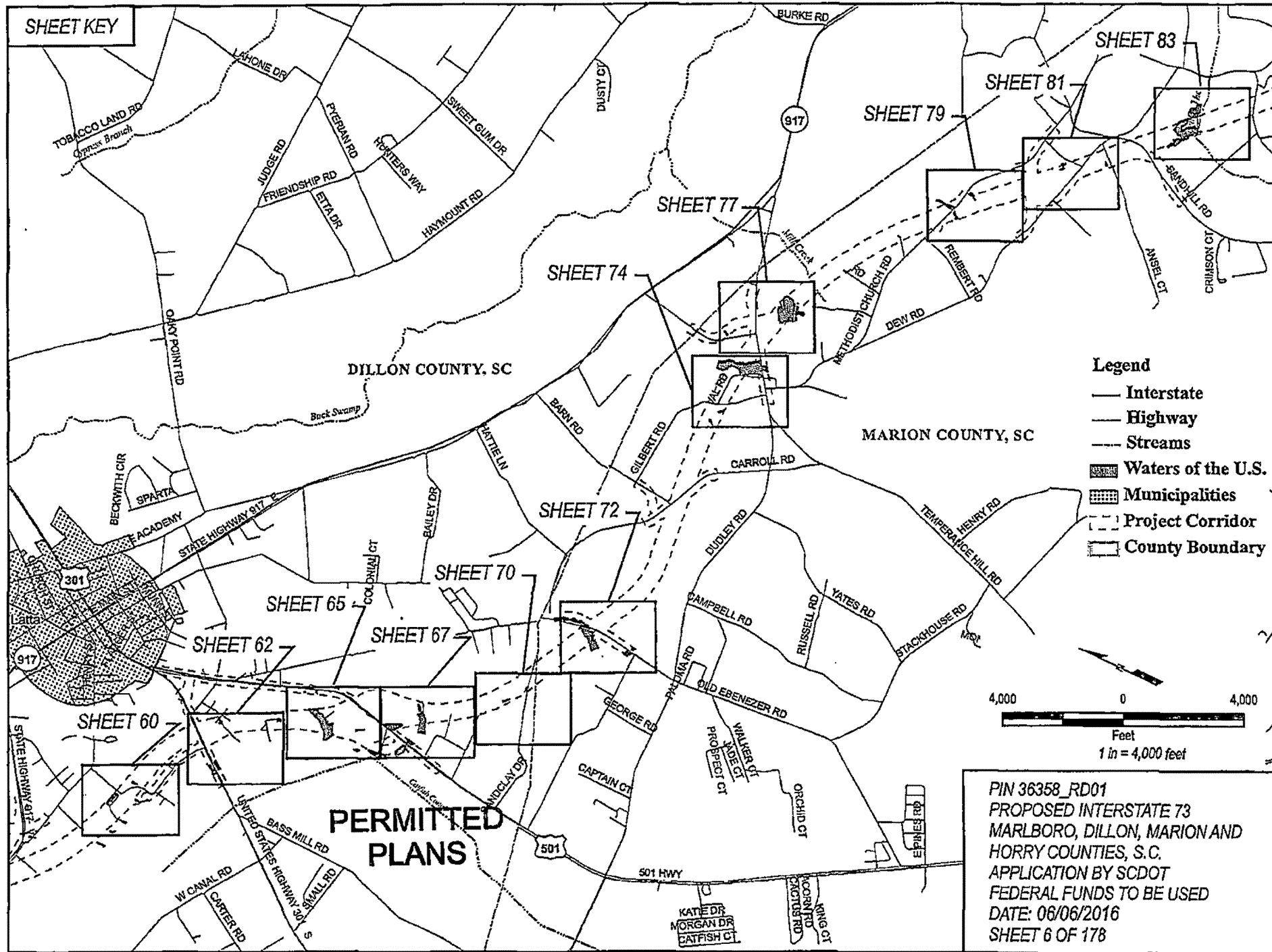
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PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 3 OF 178





PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 5 OF 178



SHEET KEY

DILLON  
COUNTY, SC

917

SHEET 85 -

ISRAEL RD

SHEET 87

SHEET 9

SHEFT 93

SHEET 1

SHEET 10

SHEET 103

SHEET 10

**KIRBY NO. 1  
PERMITTED  
PLANS**

**MARION COUNTY, SC**

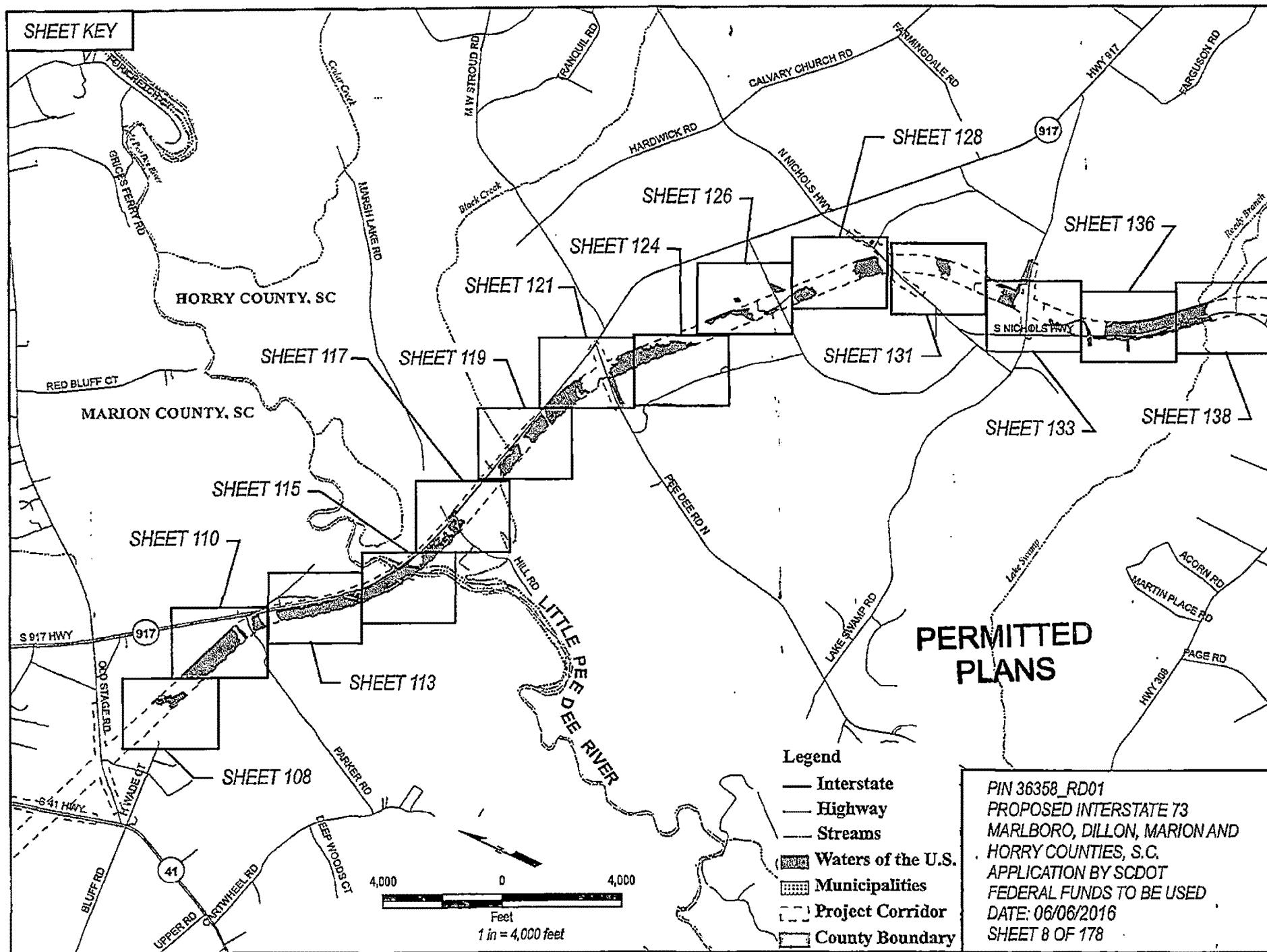
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1 in. = 4,000 feet

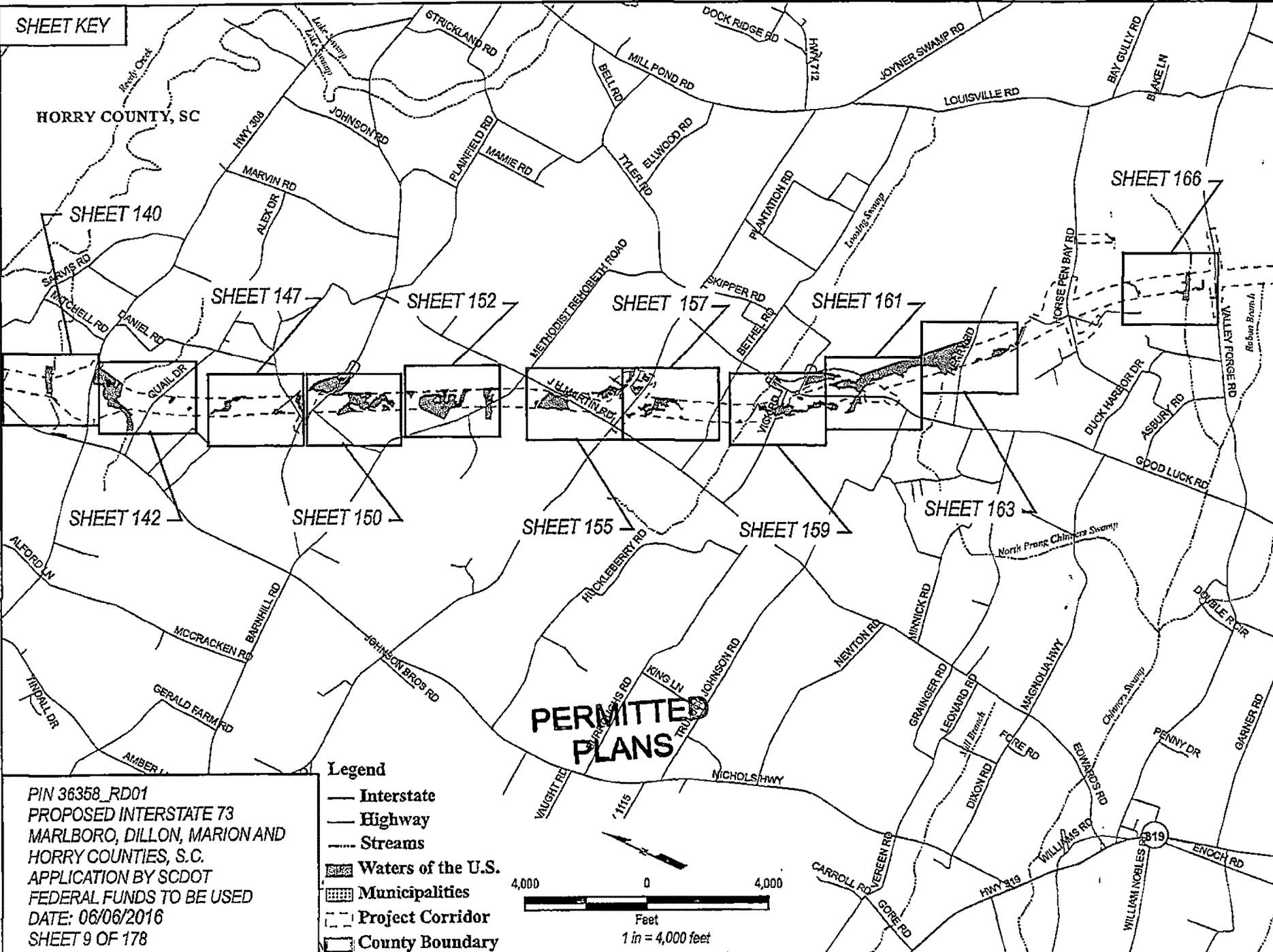
### Legend

- Interstate
  - Highway
  - Streams
  - Waters of the U.S.
  - Municipalities
  - Project Corridor
  - County Boundary

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 7 OF 178



PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 8 OF 178



SHEET KEY

380

SHEET 170

SHEET 168

SHEET 174

SHEET 178

SHEET 172 -

SHEET 176 -

**HORRY COUNTY, SC**

## **PERMITTED PLANS**

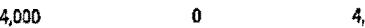
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 10 OF 178

— 1 —

FEET  
1 in = 1,000 feet

### Legend

- Interstate
  - Highway
  - Streams
  -  Waters of the U.S.
  -  Municipalities
  -  Project Corridor
  -  County Boundary



— 1 —

FEET  
1 in = 1,000 feet

ED 001363 00000274-00016

**GENERAL NOTES**

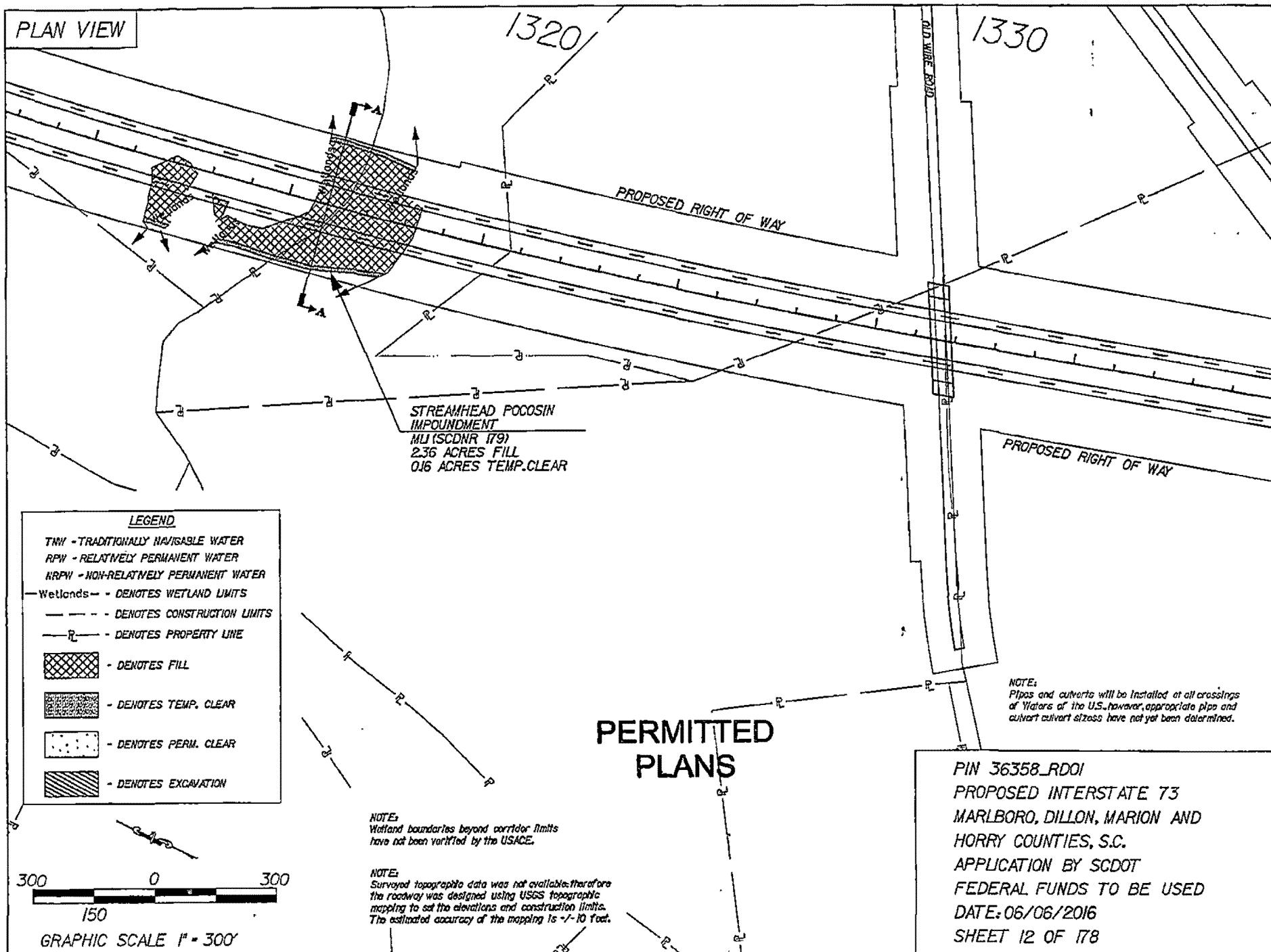
**NOTES:**

- (1) THE PORTION OF THE ALIGNMENT IN NORTH CAROLINA WILL BE PERMITTED BY NCDOT THROUGH THE USACE WILMINGTON DISTRICT.
- (2) WATERS OF THE U.S. ARE DESIGNATED BY THE FIRST LETTER OF THE COUNTY AND A NUMERIC DESIGNATION ON THE FOLLOWING SHEETS. FOR EXAMPLE "D 1" INDICATES DILLON COUNTY AND AREA NUMBER 1. (ML = MARLBORO COUNTY; D = DILLON COUNTY; M = MARION COUNTY; H = Horry County).
- (3) CHANNELS WHICH HAVE BEEN IDENTIFIED ON SCDNR'S DATA LAYER AS STREAMS ARE INDICATED BY "SCDNR XX" WHERE XX EQUALS THE STREAM NUMBER ASSIGNED DURING THE WETLAND DELINEATION.
- (4) WETLAND BOUNDARIES BEYOND THE CORRIDOR LIMITS HAVE NOT BEEN VERIFIED BY THE USACE. WHERE JURISDICTIONAL FEATURES EXTEND OUTSIDE THE CORRIDOR, THE APPROXIMATE LOCATION AND DIRECTION ARE SHOWN BY ARROWS AT THE CORRIDOR LIMITS.
- (5) SURVEYED TOPOGRAPHIC DATA WAS NOT AVAILABLE IN THE PORTION OF THE ALIGNMENT NORTH OF I-95; THEREFORE, THE ROADWAY WAS DESIGNED USING USGS DIGITAL ELEVATION MAPPING (DEM) TO SET THE ELEVATIONS AND CONSTRUCTION LIMITS. THE ESTIMATED ACCURACY OF THE MAPPING IS +/- 10 FEET.
- (6) SURVEYED TOPOGRAPHIC DATA WAS AVAILABLE AND USED TO DESIGN THE PORTION OF THE ALIGNMENT FROM I-95 SOUTH TO SC 22.
- (7) FINAL HYDROLOGIC STUDIES HAVE NOT BEEN COMPLETED FOR THE PORTION OF THE ALIGNMENT NORTH OF I-95, THEREFORE PIPE SIZES ARE NOT KNOWN AT THIS TIME. PRIOR TO BEGINNING CONSTRUCTION ON THIS PORTION OF THE ALIGNMENT, FINAL HYDROLOGIC STUDIES WILL BE COMPLETED AND PROPERLY SIZED PIPES AND/OR CULVERTS WILL BE INSTALLED AT STREAM AND WETLAND CROSSINGS TO MAINTAIN HISTORIC HYDROLOGIC CONNECTIONS.
- (8) FINAL HYDROLOGIC STUDIES WERE COMPLETED FOR THE ALIGNMENT SOUTH OF I-95 AND CROSS PIPES AND/OR CULVERTS ARE INDICATED ON THE PERMIT DRAWINGS.

**PERMITTED  
PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 11 OF 178

*PLAN VIEW*



## **PERMITTED PLANS**

**NOTE:**  
Pipes and culverts will be installed at all crossings of  
Highways of the U.S., however, appropriate pipe and  
culvert culvert sizes have not yet been determined.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 12 OF 178

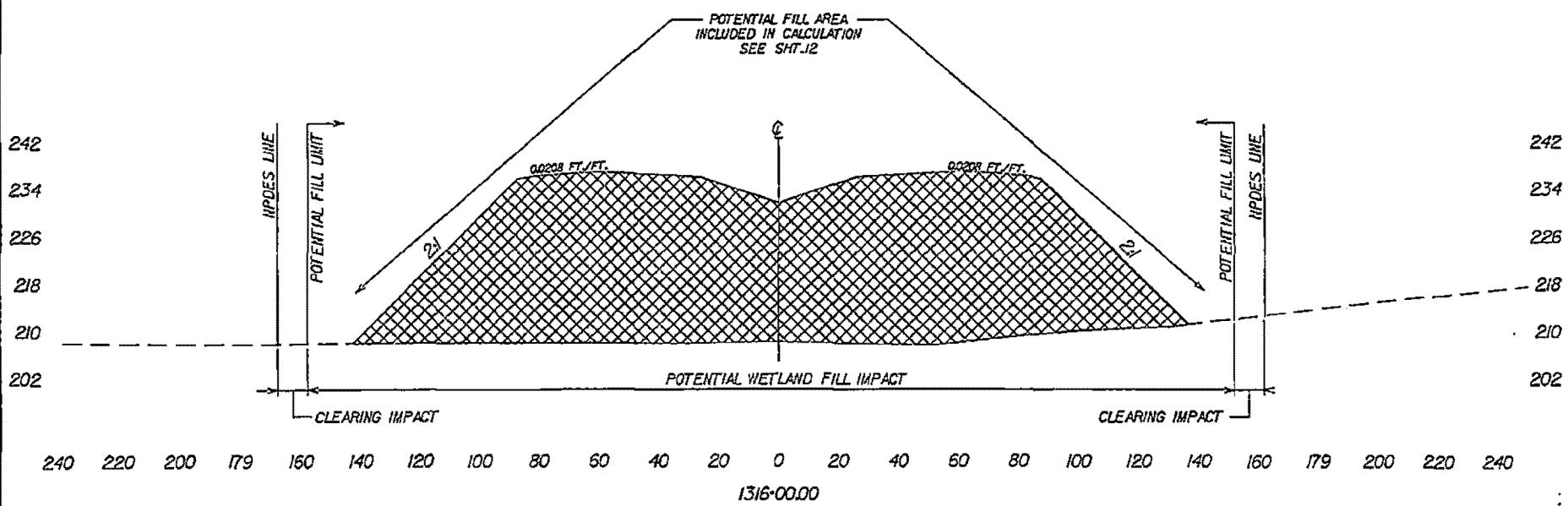
*NOTE:*  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

**NOTE:**  
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

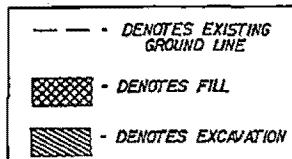
A horizontal graphic scale bar consisting of three thick black segments separated by two thin white segments. Above the bar, the number "300" is printed at each end, and the number "150" is printed in the center below it. Below the bar, the text "GRAPHIC SCALE 1' = 300'" is printed.

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION A-A

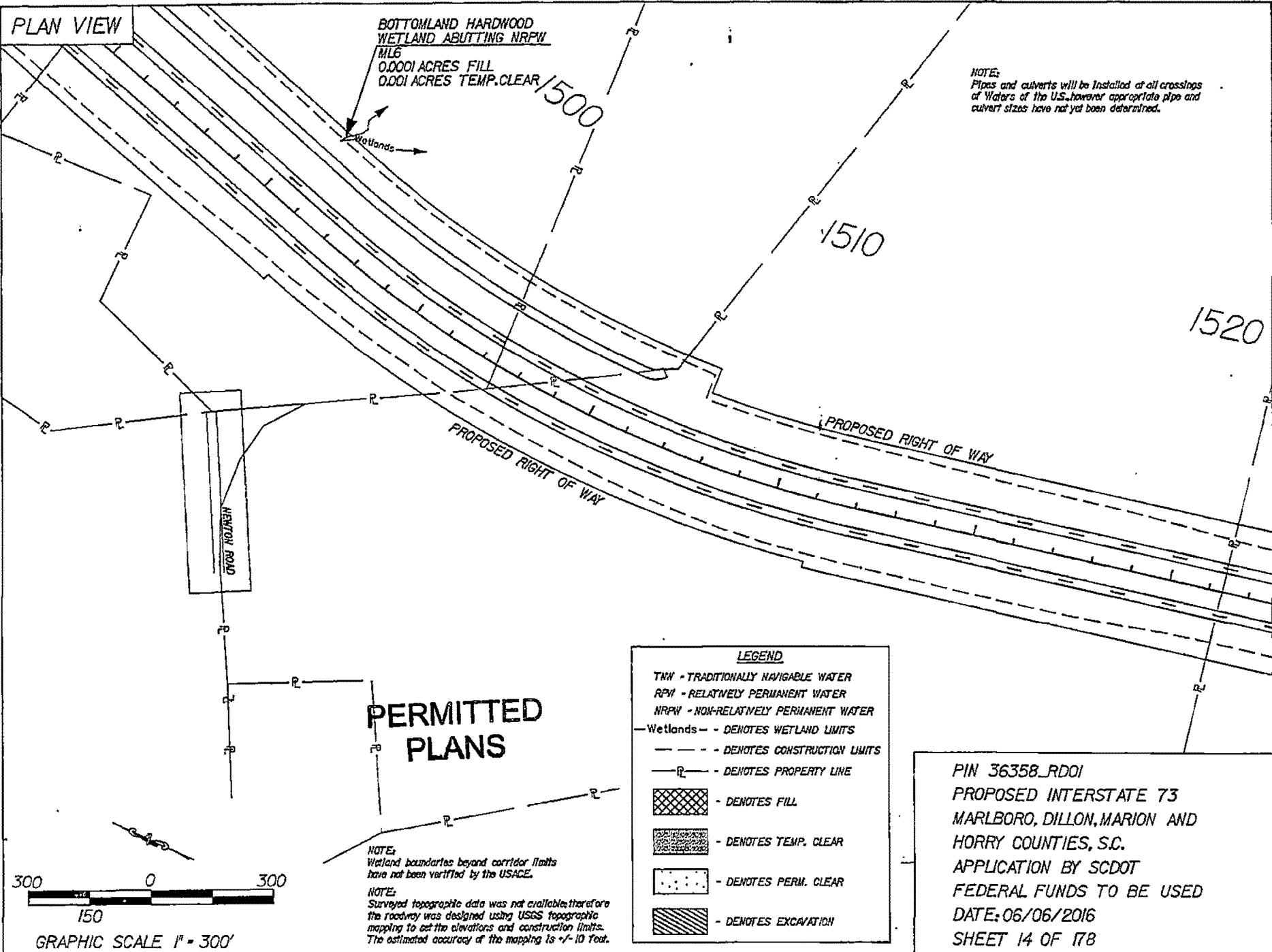


GRAPHIC SCALE 1" = 50' HORIZ.

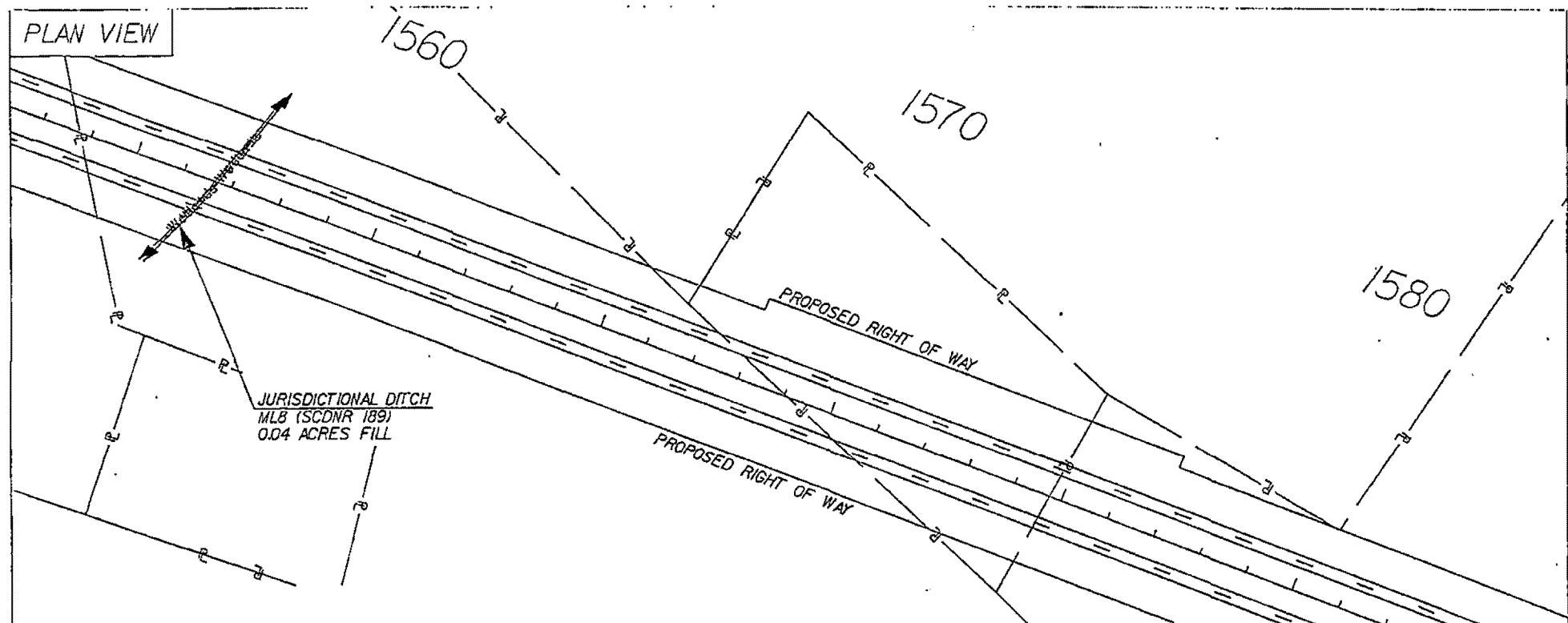
**PERMITTED  
PLANS**

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 13 OF 178



PLAN VIEW



300 0 300

150  
GRAPHIC SCALE 1" = 300'

NOTE:  
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.

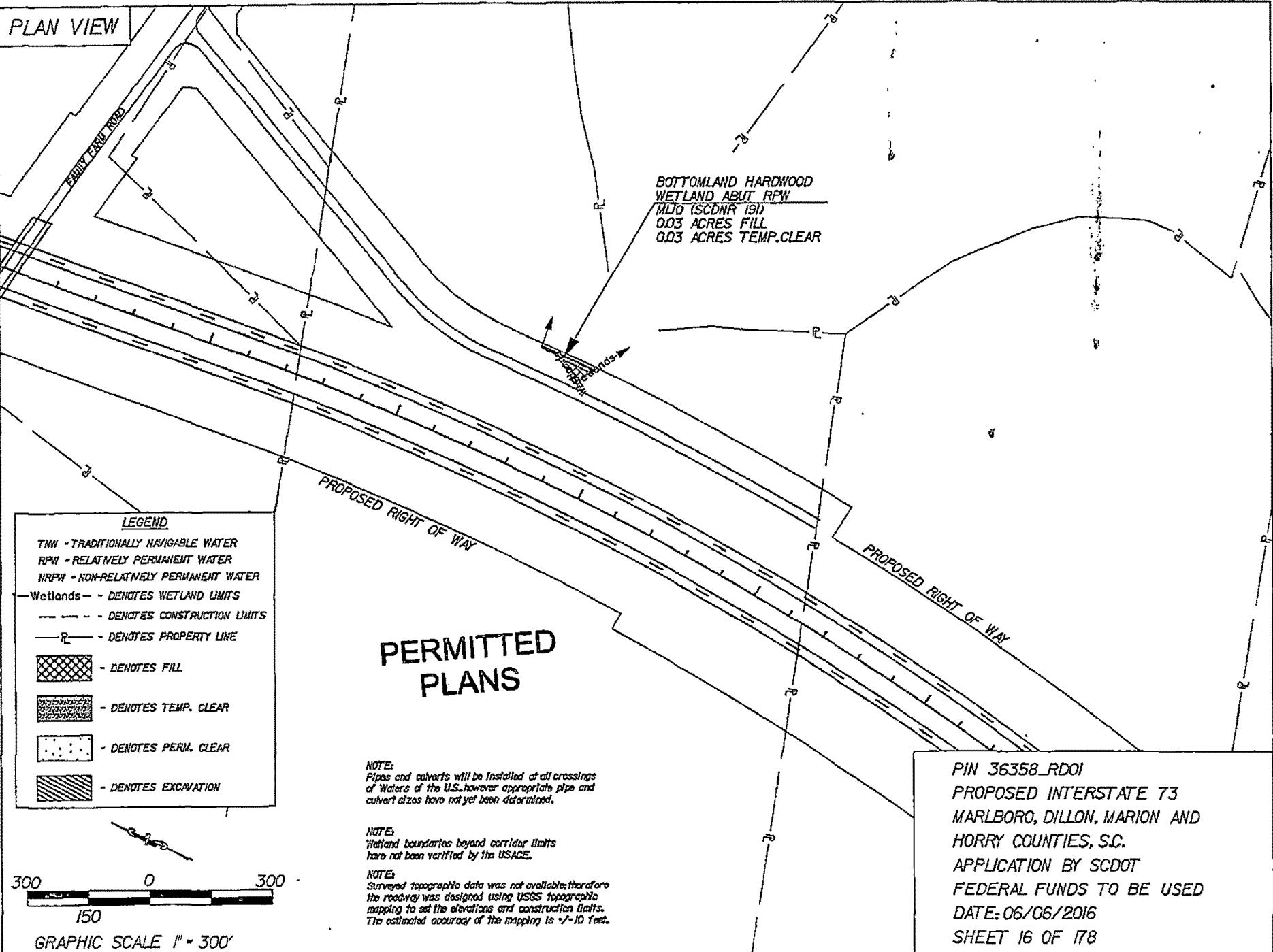
NOTE:  
Wetland boundaries beyond corridor limits have not been verified by the USACE.

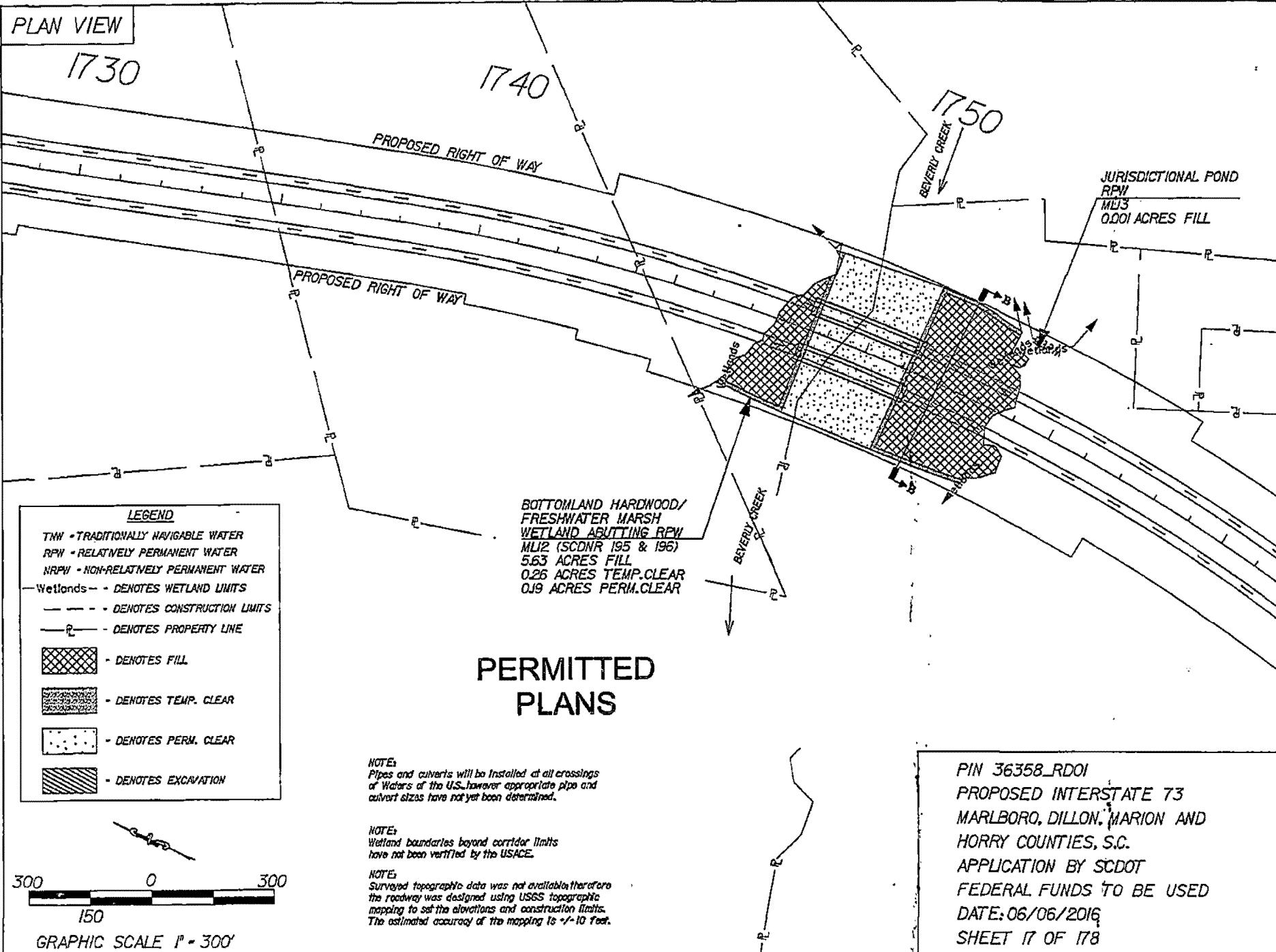
NOTE:  
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

PERMITTED  
PLANS

REVISED: 07/01/2016

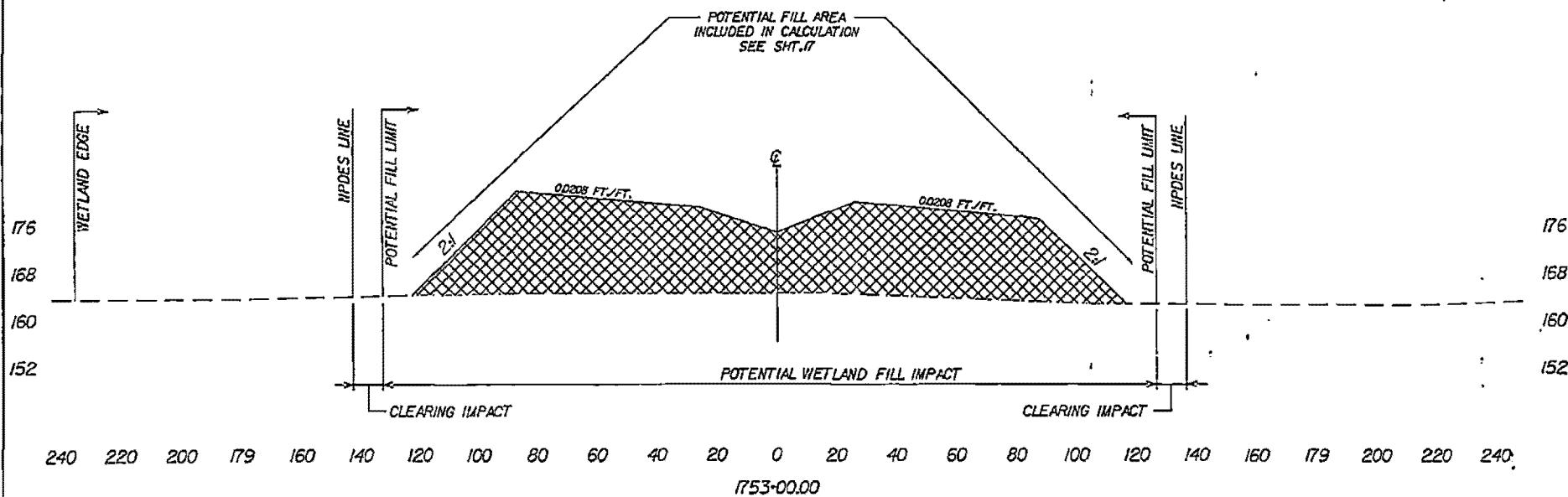
PIN 36358\_RDO1  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 15 OF 178



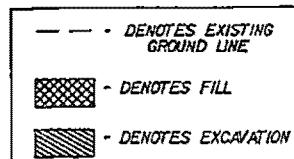


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION B-B



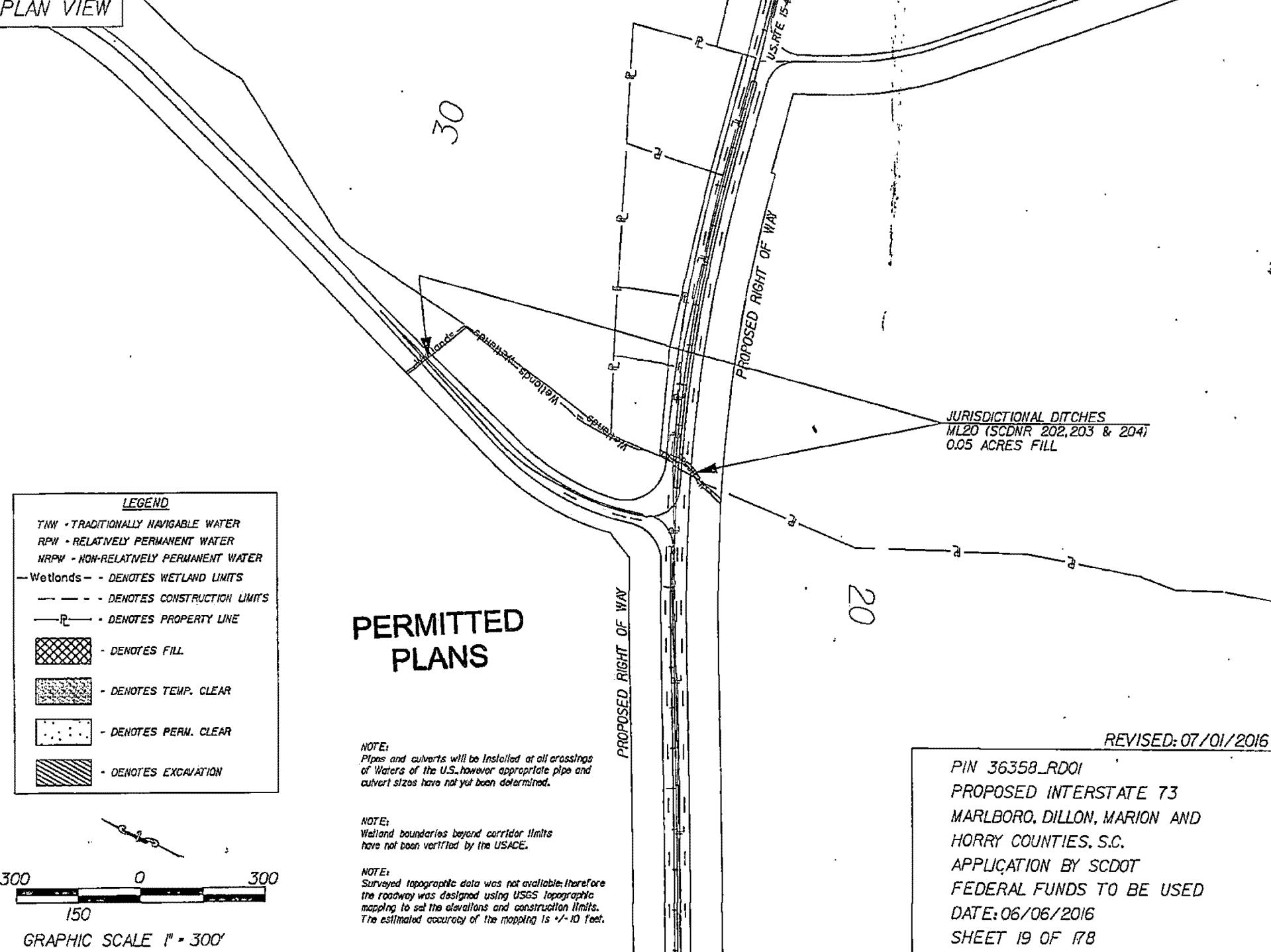
**PERMITTED  
PLANS**

50 0 50  
25  
GRAPHIC SCALE 1" - 50' HORIZ.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 18 OF 178

PLAN VIEW



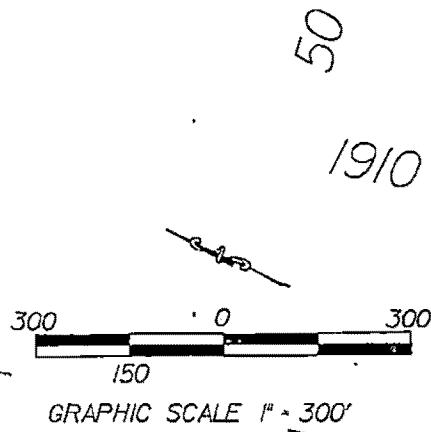
PLAN VIEW

NOTE:  
Pipes and culverts will be installed at all crossings  
of Waters of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PERMITTED  
PLANS



60

50  
1910

JURISDICTIONAL DITCH  
ML22 (SCDNR 207)  
0.03 ACRES FILL

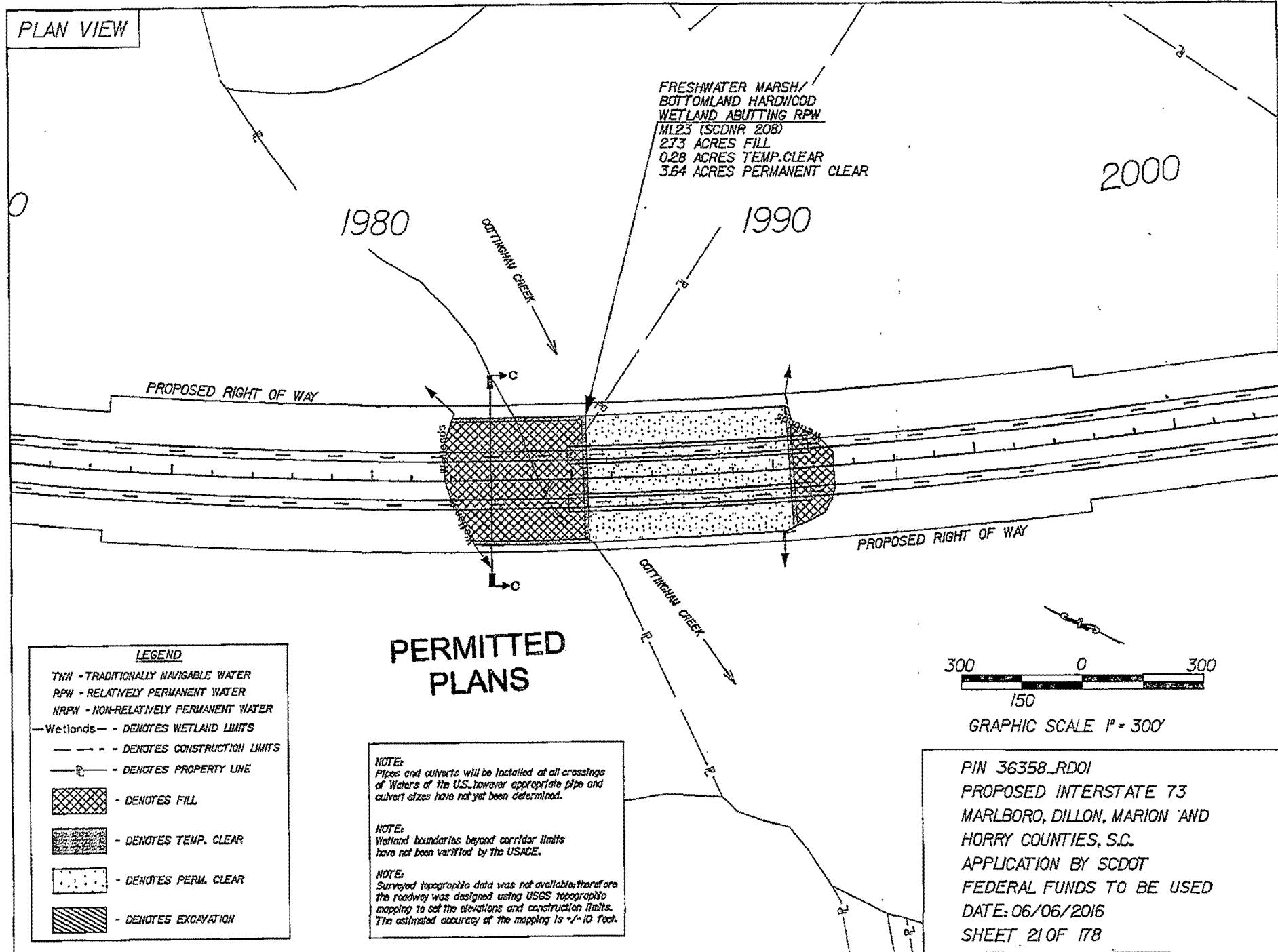
PROPOSED RIGHT OF WAY  
PROPOSED RIGHT OF WAY

LEGEND	
TNW	- TRADITIONALLY NAVIGABLE WATER
RPW	- RELATIVELY PERMANENT WATER
NRPW	- NON-RELATIVELY PERMANENT WATER
- - -	- DENOTES WETLAND LIMITS
- - -	- DENOTES CONSTRUCTION LIMITS
- - -	- DENOTES PROPERTY LINE
[Hatched]	- DENOTES FILL
[Cross-hatched]	- DENOTES TEMP. CLEAR
[Dotted]	- DENOTES PERM. CLEAR
[Diagonal hatching]	- DENOTES EXCAVATION

REVISED: 07/01/2016

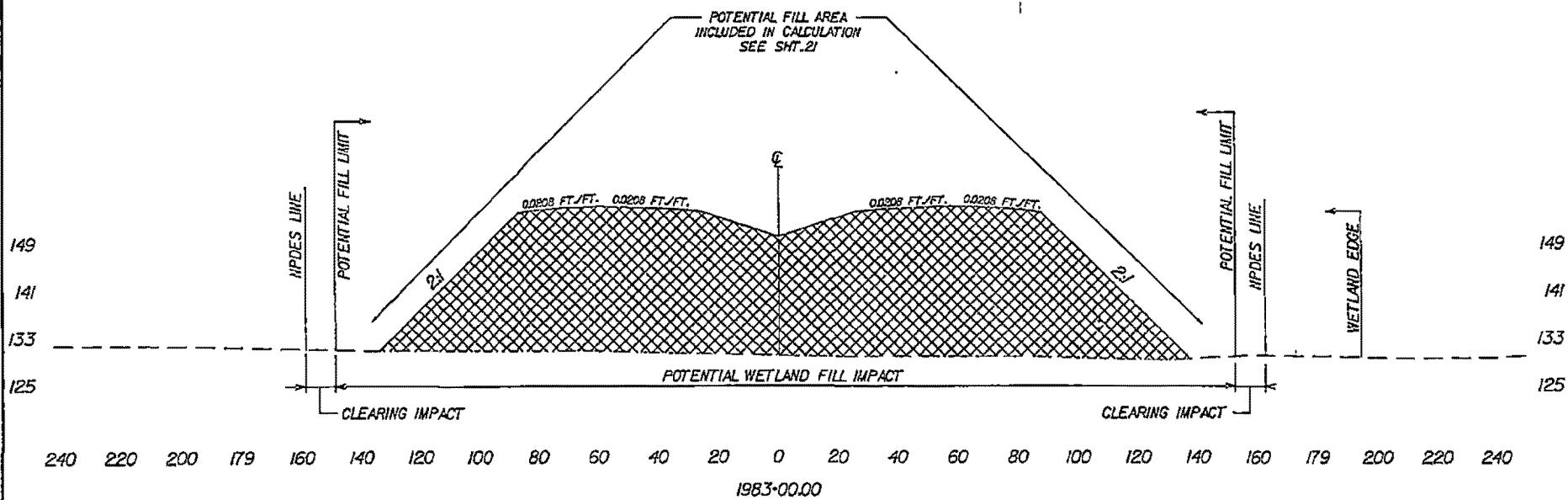
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 20 OF 178

PLAN VIEW

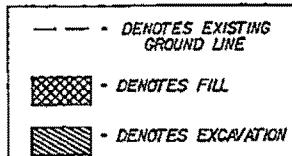


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION C-C



**PERMITTED  
PLANS**

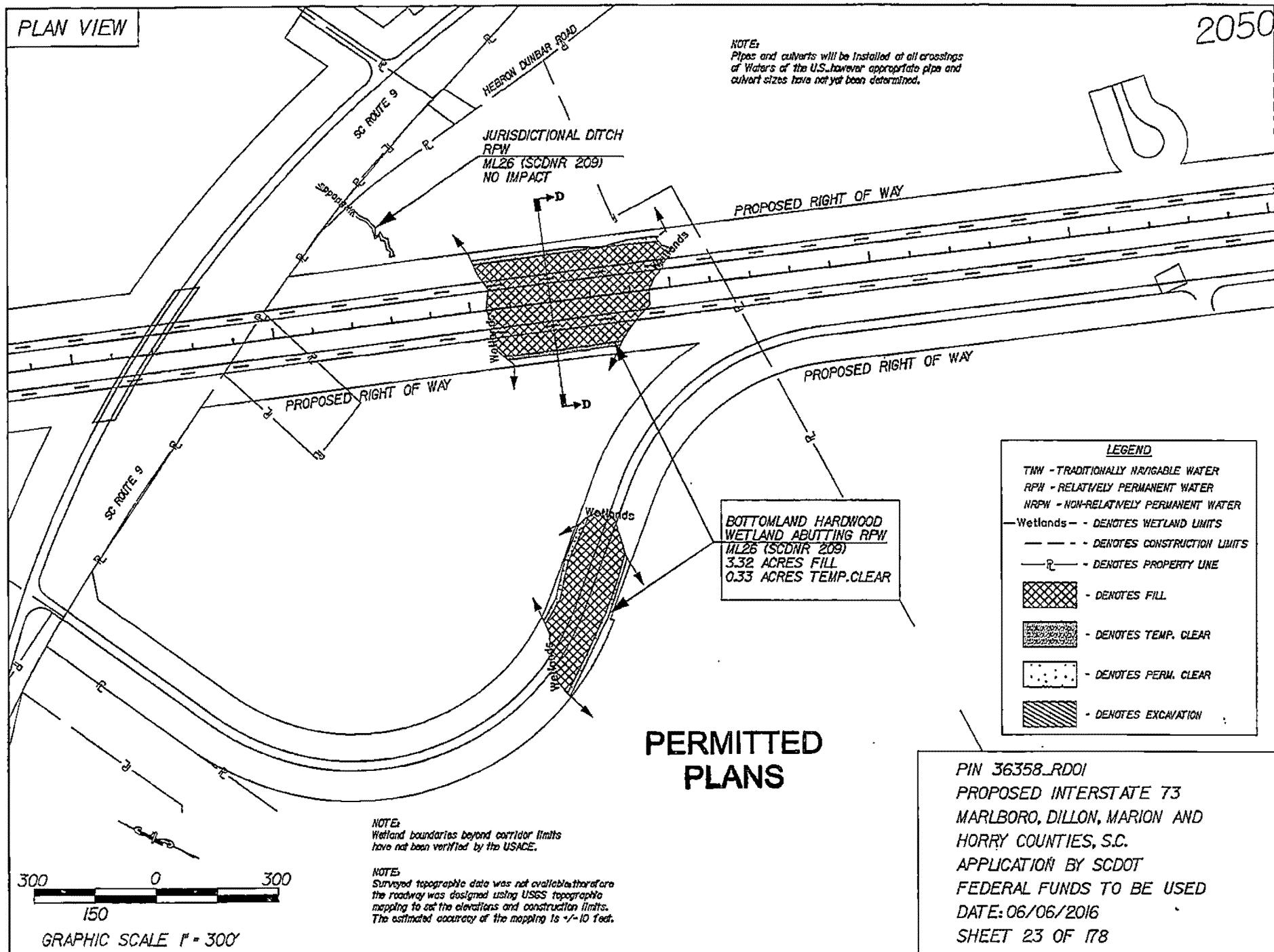
50 0 50  
25  
GRAPHIC SCALE 1" - 50' HORIZ.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 22 OF 178

**PLAN VIEW**

2050



## **PERMITTED PLANS**

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 23 OF 78

**NOTE:**  
Pipes and culverts will be installed at all crossings  
of Waters of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.

300                    0                    300

150

## GRAPHING

*GRAPHIC SCALE 1" = 300'*

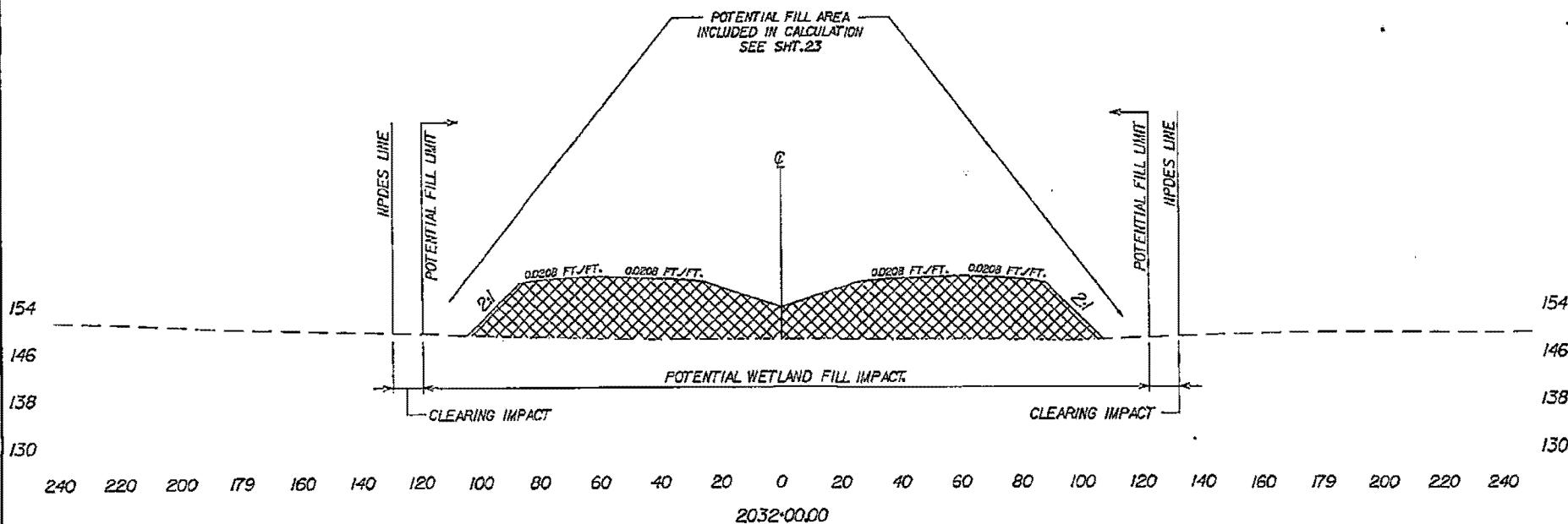
*NOTE:*  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

**NOTE:**  
Surveyed topographic data was not available at the time the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

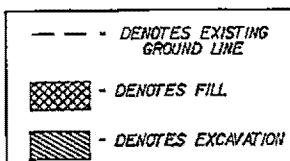
ED 001363 00000274-00029

CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION D-D

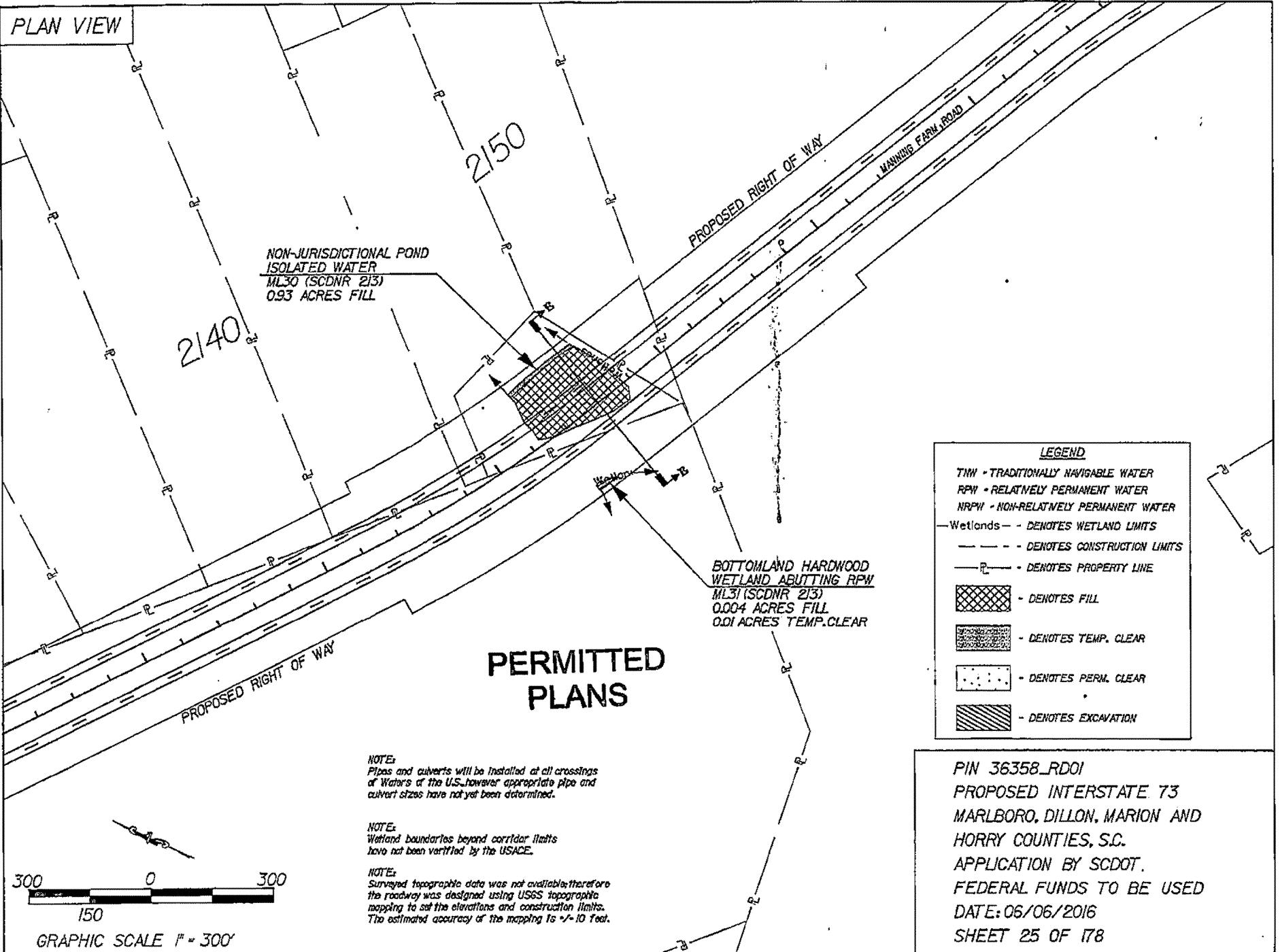


## PERMITTED PLANS

50 0 50  
25  
GRAPHIC SCALE 1" - 50' HORIZ.

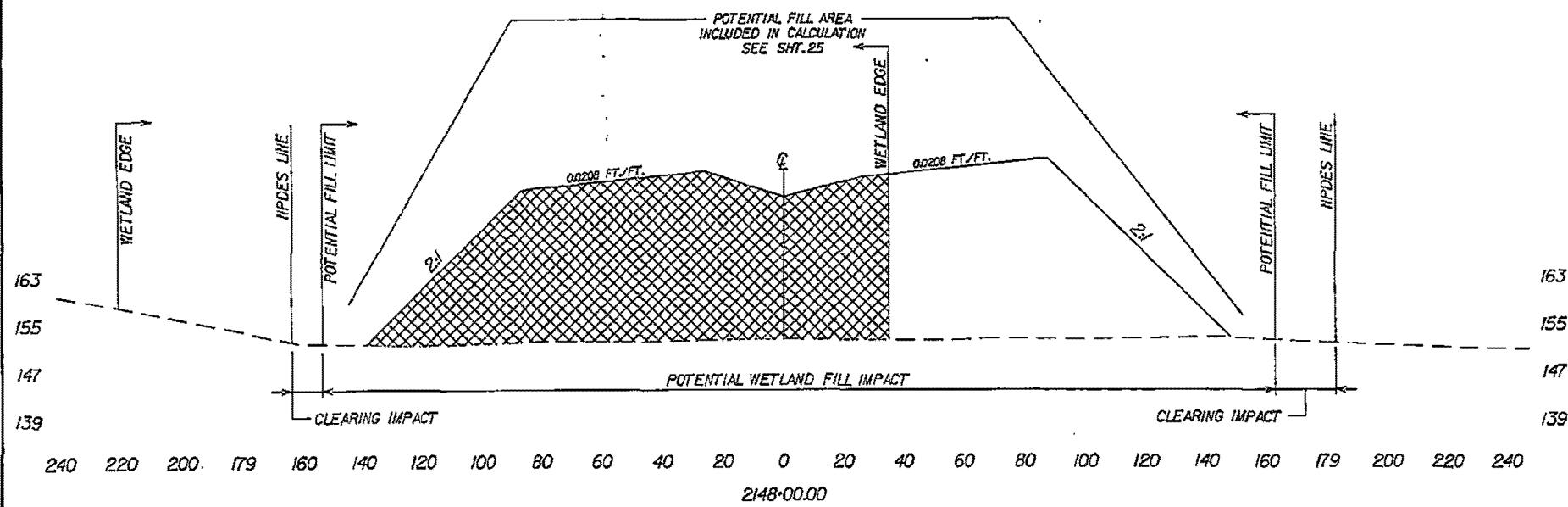
NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 24 OF 178

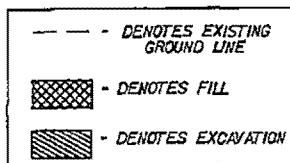


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION E-E



**PERMITTED  
PLANS**

50 0 50  
25  
GRAPHIC SCALE 1" = 50' HORIZ.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 26 OF 178

PLAN VIEW

2260

2270

2280

BOTTOMLAND HARDWOOD  
ISOLATED WATER  
ML33  
NO IMPACT

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

## PERMITTED PLANS

NOTE:  
Pipes and culverts will be installed at all crossings  
of Water's of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

NOTE:  
Surveyed topographic data was not available therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

300      0      300  
150  
GRAPHIC SCALE 1' - 300'

LEGEND	
—	- TRADITIONALLY NAVIGABLE WATER
—	- RELATIVELY PERMANENT WATER
—	- NON-RELATIVELY PERMANENT WATER
—	- DENOTES WETLAND UNITS
—	- DENOTES CONSTRUCTION LIMITS
—	- DENOTES PROPERTY LINE
[Hatched]	- DENOTES FILL
[Cross-hatched]	- DENOTES TEMP. CLEAR
[Dotted]	- DENOTES PERM. CLEAR
[Diagonal-hatched]	- DENOTES EXCAVATION

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 27 OF 178

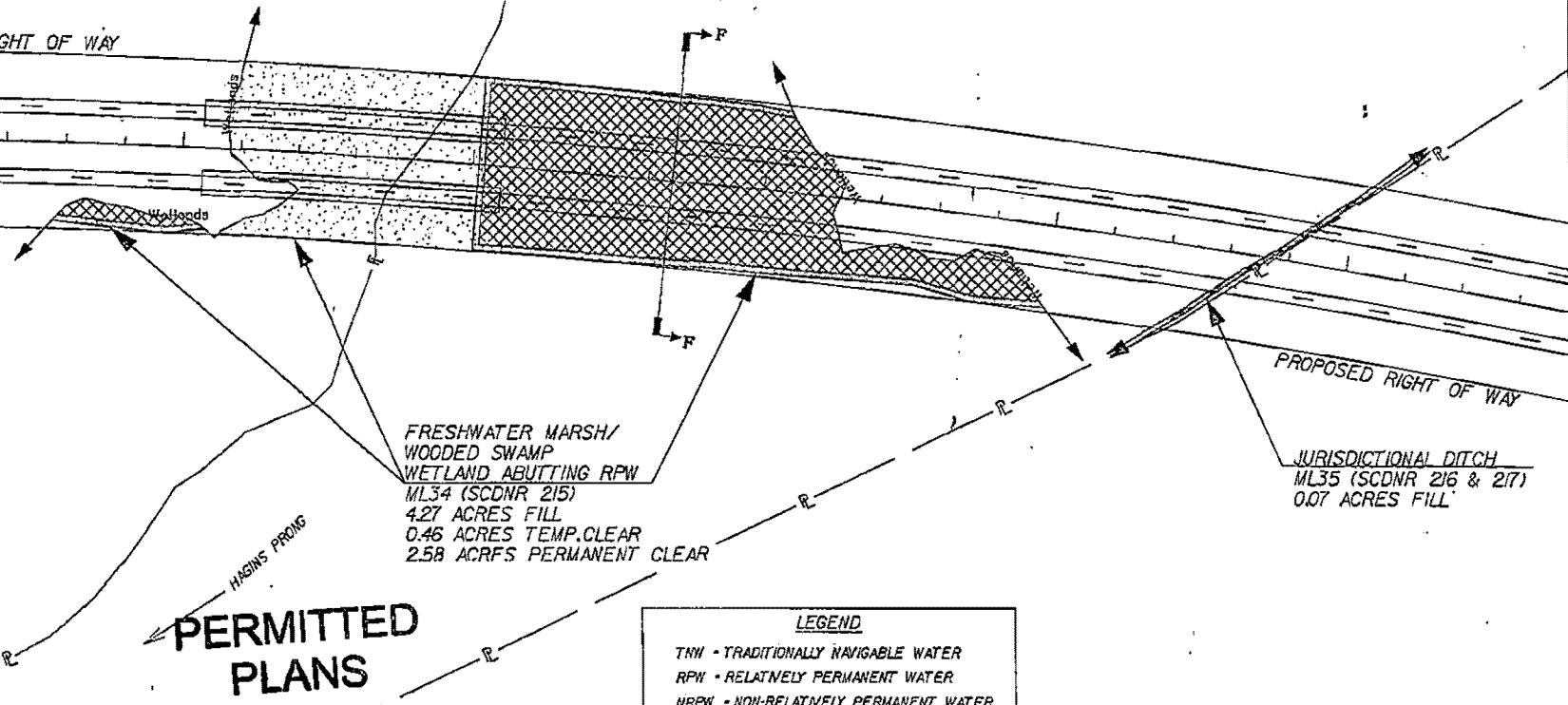
PLAN VIEW

2300

2310

2320

PROPOSED RIGHT OF WAY



300 0 300  
150

GRAPHIC SCALE 1" = 300'

NOTE:  
Pipes and culverts will be installed at all crossings  
of Waters of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

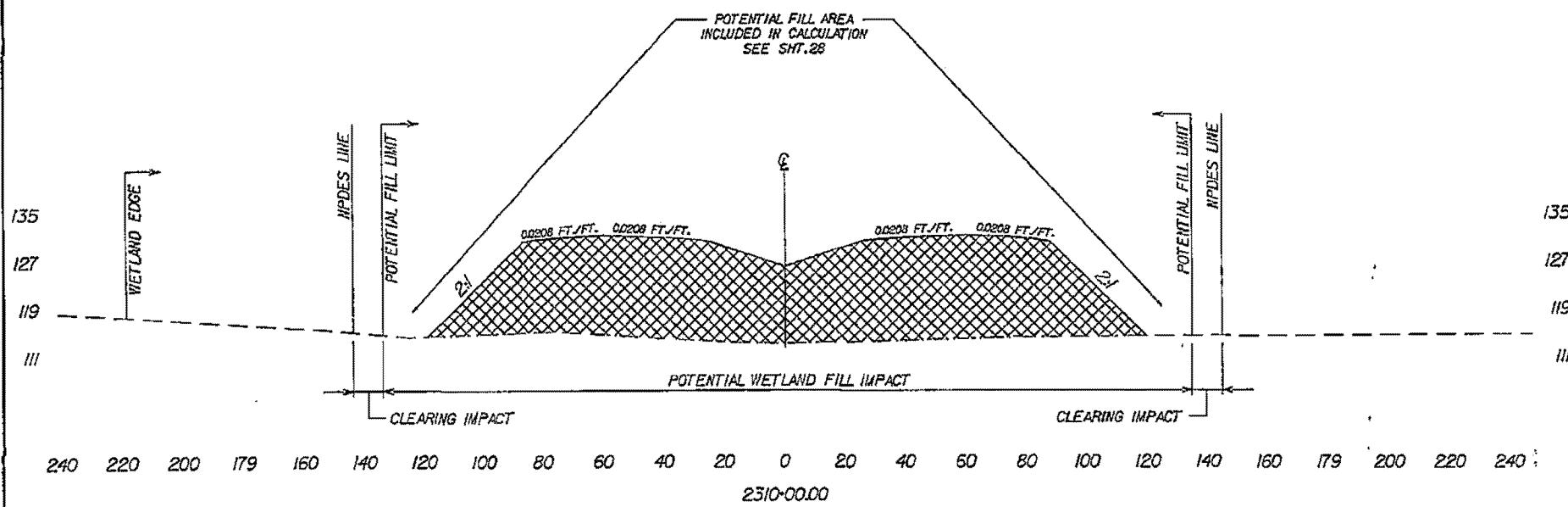
LEGEND	
TNW	- TRADITIONALLY NAVIGABLE WATER
RPW	- RELATIVELY PERMANENT WATER
NRPW	- NON-RELATIVELY PERMANENT WATER
Wetlands	- DENOTES WETLAND UNITS
— — —	- DENOTES CONSTRUCTION LIMITS
— P —	- DENOTES PROPERTY LINE
[Hatched]	- DENOTES FILL
[Vertical lines]	- DENOTES TEMP. CLEAR
[Dotted lines]	- DENOTES PERM. CLEAR
[Diagonal lines]	- DENOTES EXCAVATION

REVISED: 07/01/2016

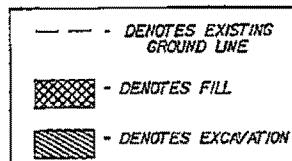
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 28 OF 178

CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION F-F



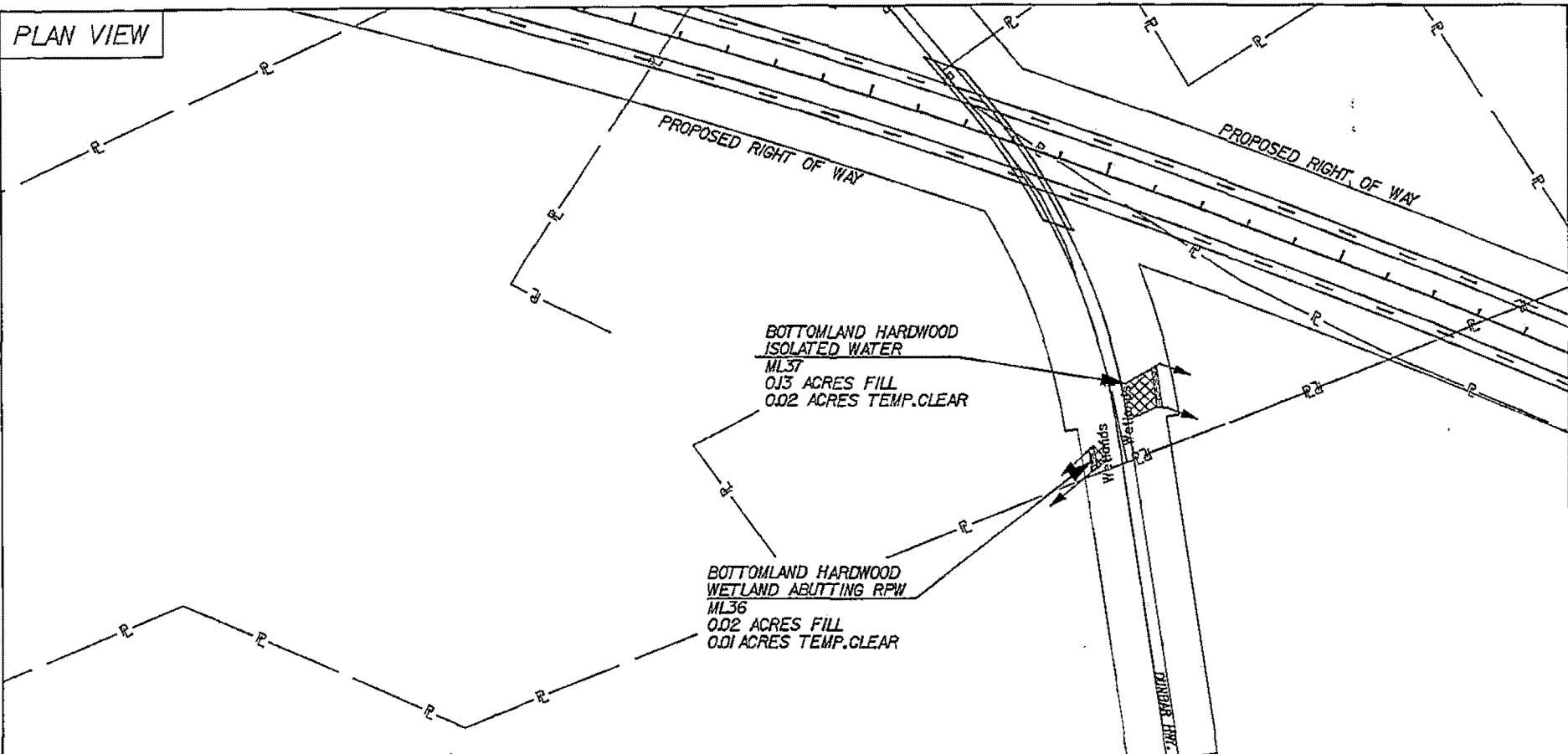
PERMITTED  
PLANS

50 0 50  
25  
GRAPHIC SCALE 1" = 50' HORIZ.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 29 OF 178

PLAN VIEW



## PERMITTED PLANS

**NOTE:**  
Pipes and culverts will be installed at all crossings of Waters of the U.S., however appropriate pipe and culvert sizes have not yet been determined.

**NOTE:**  
Wetland boundaries beyond corridor limits have not been verified by the USACE.

**NOTE:**  
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

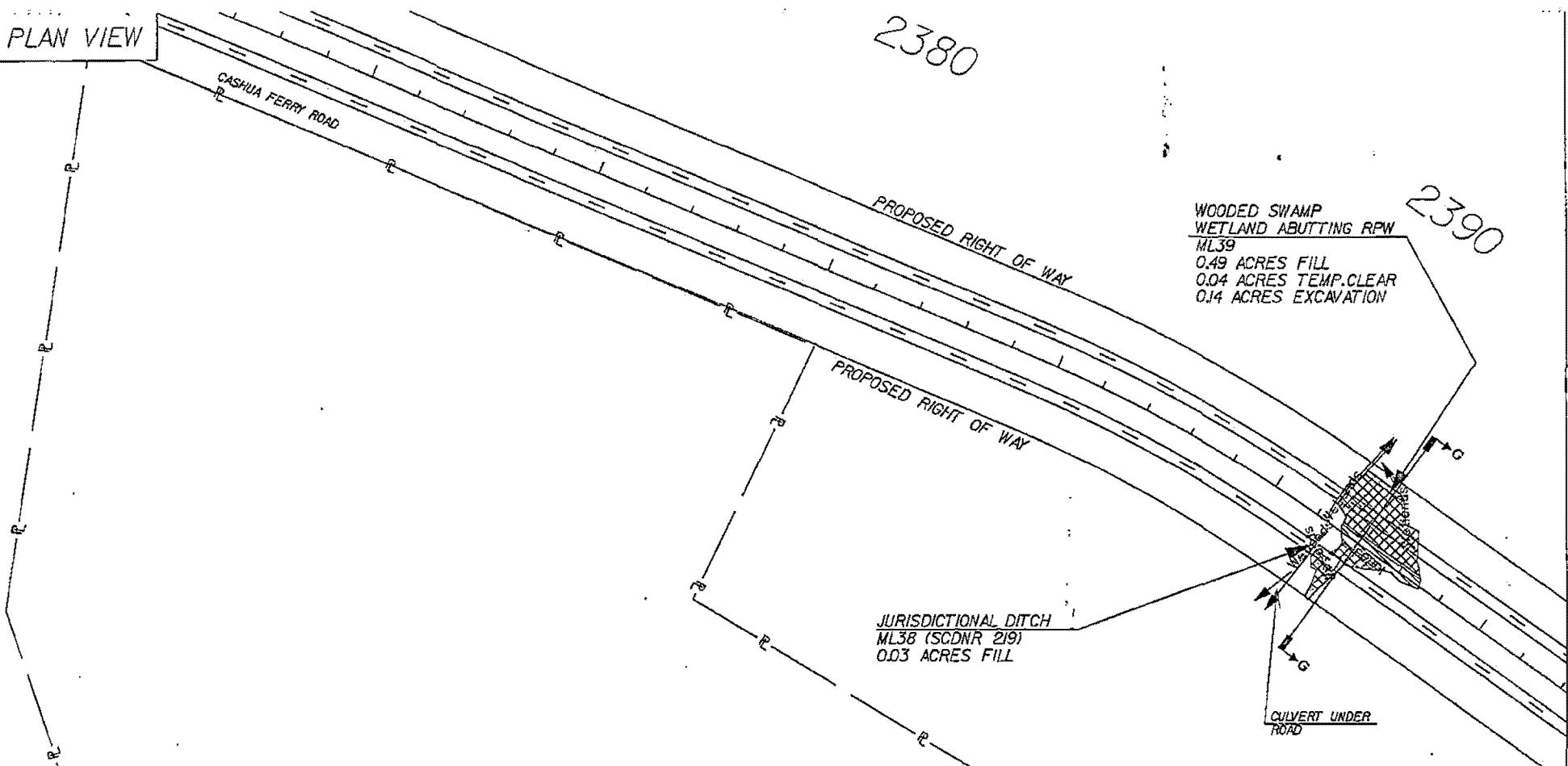
300 0 300  
150  
GRAPHIC SCALE 1" = 300'

LEGEND	
TNW	- TRADITIONALLY NAVIGABLE WATER
RPW	- RELATIVELY PERMANENT WATER
NRPW	- NON-RELATIVELY PERMANENT WATER
- Wetlands -	- DENOTES WETLAND LIMITS
- - -	- DENOTES CONSTRUCTION LIMITS
- P -	- DENOTES PROPERTY LINE
[Hatched Box]	- DENOTES FILL
[Cross-hatched Box]	- DENOTES TEMP. CLEAR
[Dotted Box]	- DENOTES PERM. CLEAR
[Diagonal Striped Box]	- DENOTES EXCAVATION

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 30 OF 178

PLAN VIEW

2380



## PERMITTED PLANS

300 0 300

150

GRAPHIC SCALE 1" = 300'

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

LEGEND	
TNW	- TRADITIONALLY NAVIGABLE WATER
RPW	- RELATIVELY PERMANENT WATER
NRPW	- NON-RELATIVELY PERMANENT WATER
- - -	- DENOTES WETLAND LIMITS
- - -	- DENOTES CONSTRUCTION LIMITS
- P -	- DENOTES PROPERTY LINE
[Hatched]	- DENOTES FILL
[Cross-hatched]	- DENOTES TEMP. CLEAR
[Dotted]	- DENOTES PERM. CLEAR
[Diagonal hatching]	- DENOTES EXCAVATION

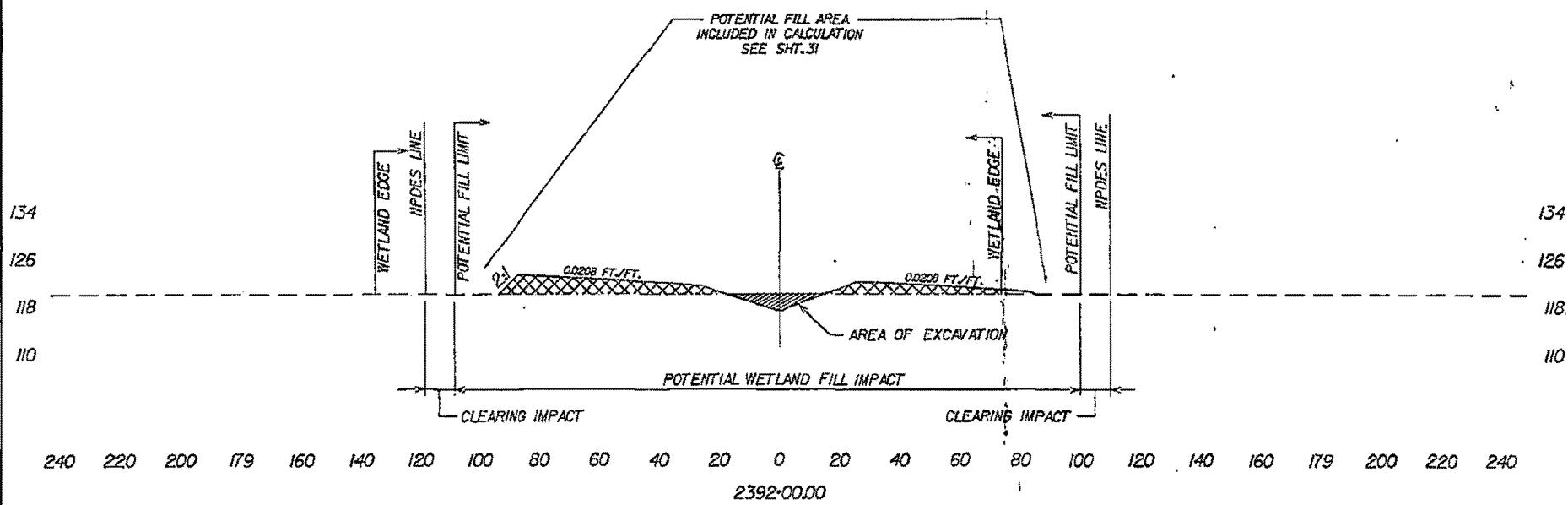
NOTE:  
Pipes and culverts will be installed at all crossings  
of Waters of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.

REVISED: 07/01/2016

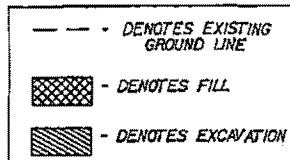
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 31 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION G-G



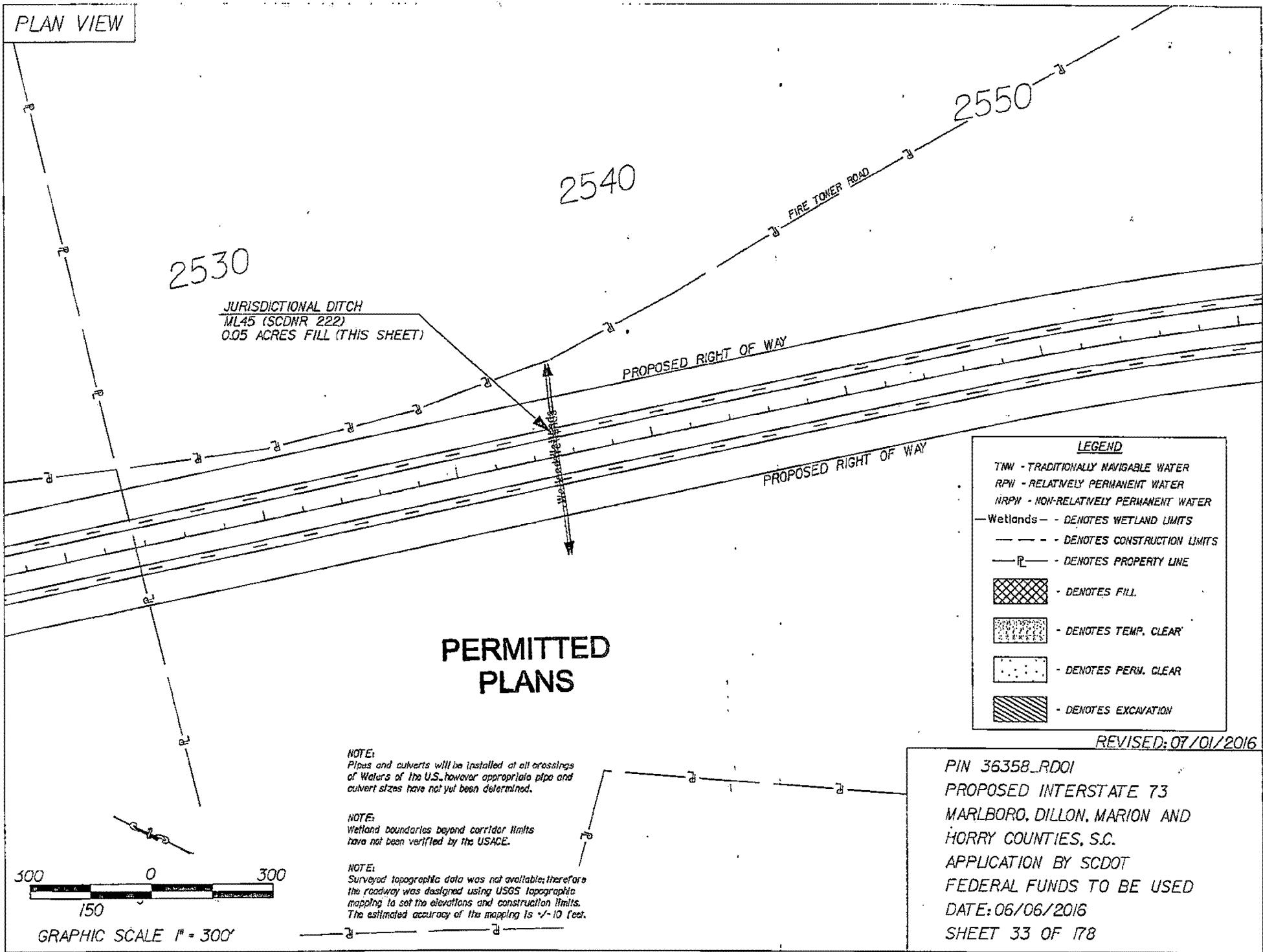
**PERMITTED  
PLANS**

50 0 50  
25  
GRAPHIC SCALE 1" - 50' HORIZ.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 32 OF 178

PLAN VIEW



PLAN VIEW

2560

2570

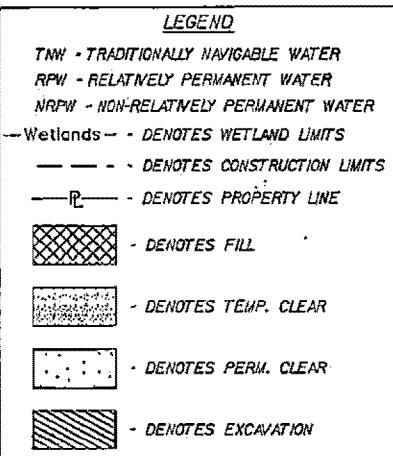
2580

BOTTOMLAND HARDWOOD  
WETLAND ABUTTING RPW  
ML46  
0.01 ACRES FILL  
0.02 ACRES TEMP.CLEAR

PROPOSED RIGHT OF WAY

Wetlands

PROPOSED RIGHT OF WAY



JURISDICTIONAL DITCHES  
ML45 (SCDNR 223 THRU 227)  
0.23 ACRES FILL (THIS SHEET X CONT.)

300 0 300  
150  
GRAPHIC SCALE 1" = 300'

NOTE:  
Pipes and culverts will be installed at all crossings  
of Waters of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

## PERMITTED PLANS

REVISED: 07/01/2016

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 34 OF 178

PLAN VIEW

2670

BOTTOMLAND HARDWOOD  
WETLAND ABUTTING RPW  
ML48  
169 ACRES FILL  
0.19 ACRES TEMP.CLEAR  
0.01 ACRES EXCAVATION

2680

BOTTOMLAND HARDWOOD/  
JURISDICTIONAL DITCH  
WETLAND ABUTTING NRPW/NRPW  
D54 (SCDNR 232)  
0.09 ACRES FILL

2690

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

BOTTOMLAND HARDWOOD  
WETLAND ABUTTING RPW  
ML53  
0.0005 ACRES FILL  
0.01 ACRES TEMP.CLEAR

DILLON COUNTY  
MARLBORO COUNTY

LEGEND

- TNW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - DENOTES WETLAND LIMITS
- - - - - DENOTES CONSTRUCTION LIMITS
- RL - DENOTES PROPERTY LINE
- [Hatched Box] - DENOTES FILL
- [Cross-hatched Box] - DENOTES TEMP. CLEAR
- [Dotted Box] - DENOTES PERM. CLEAR
- [Diagonal Hatching Box] - DENOTES EXCAVATION

**PERMITTED  
PLANS**

300 0 300

150

GRAPHIC SCALE 1" = 300'

NOTE:  
Pipes and culverts will be installed at all crossings  
of Waters of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

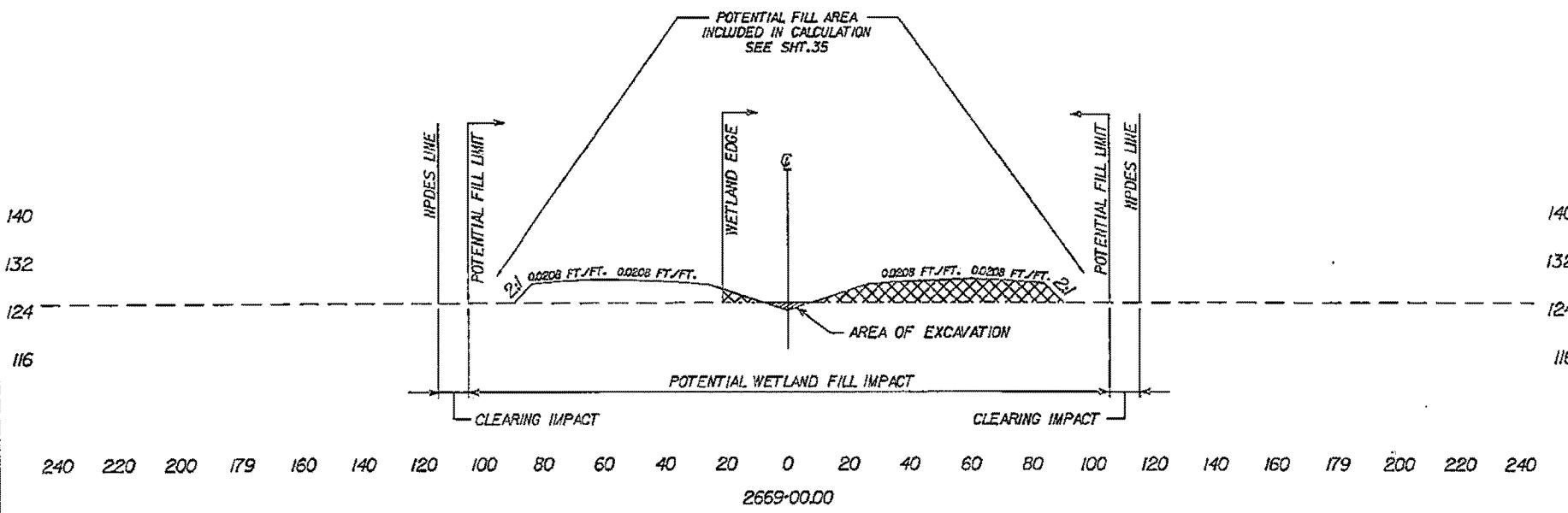
NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

REVISED: 07/01/2016

PIN 36358\_RDO1  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 35 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



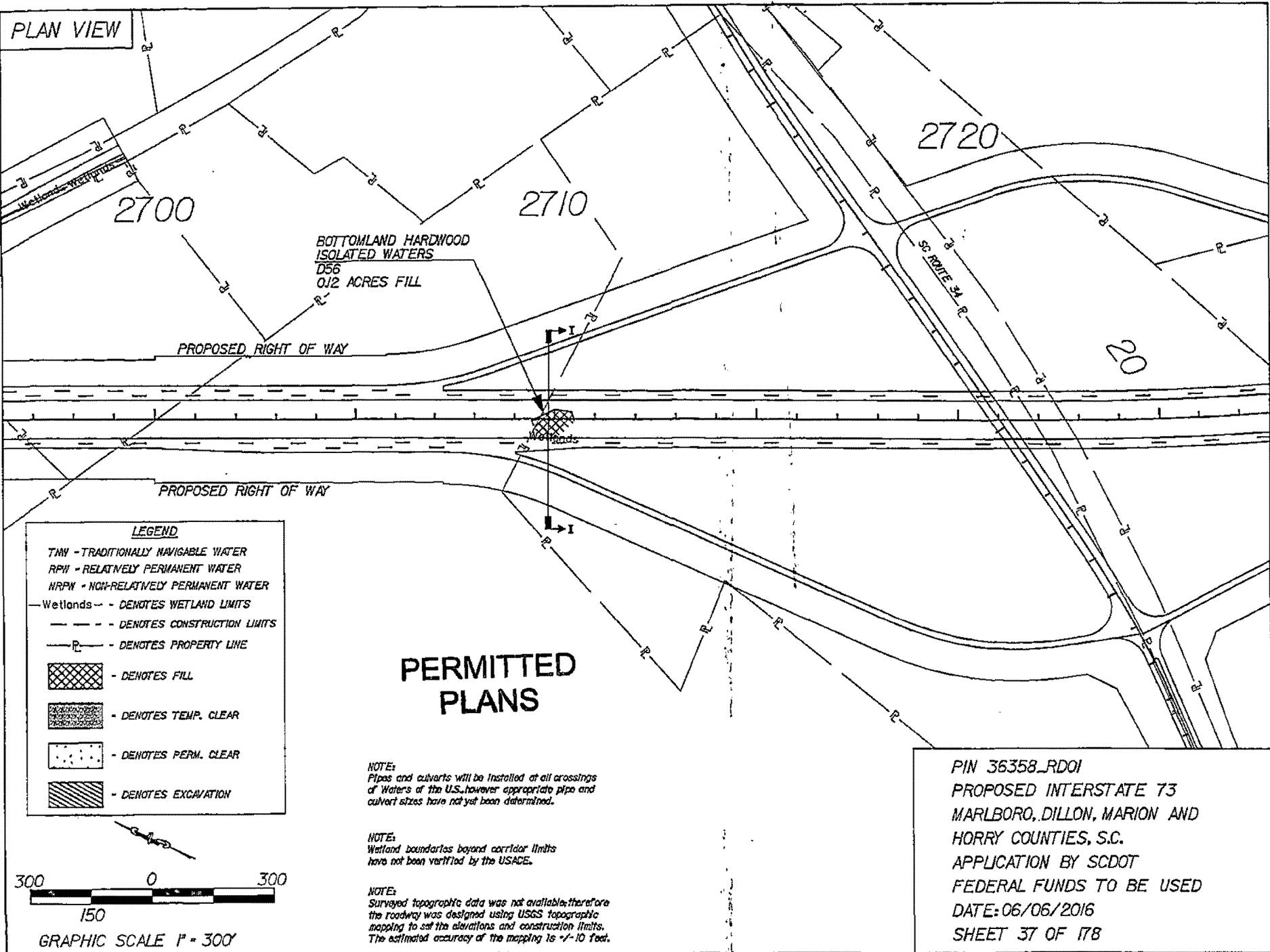
- - - DENOTES EXISTING GROUND LINE
- [Hatched Box] - DENOTES FILL
- [Stripped Box] - DENOTES EXCAVATION

## PERMITTED PLANS

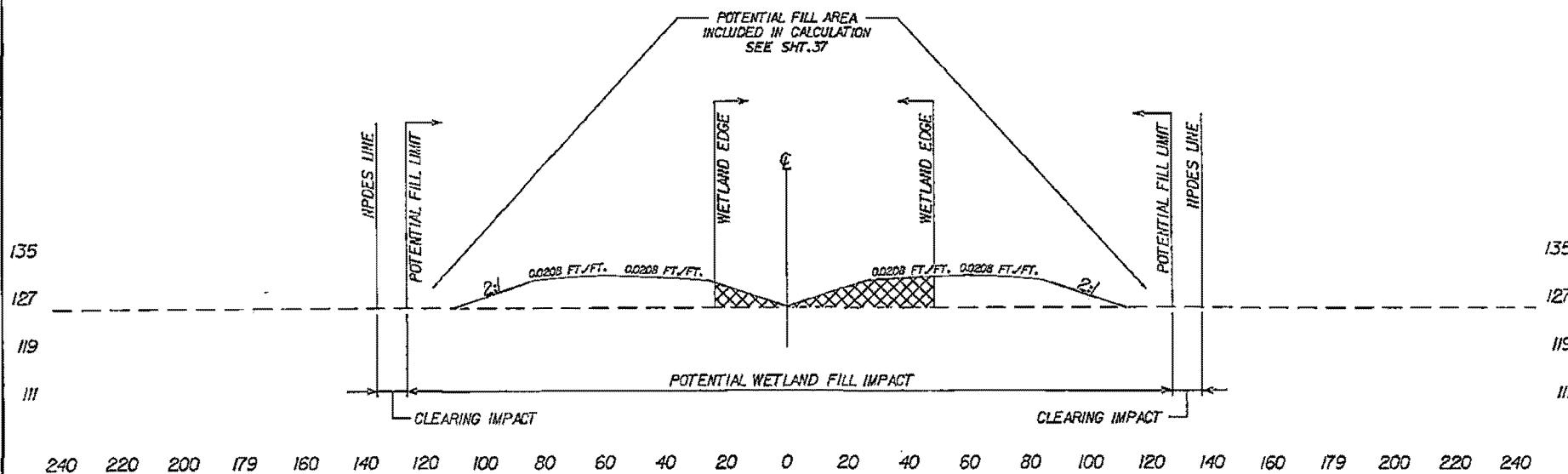
50            0            50  
25  
GRAPHIC SCALE 1" = 50' HORIZ.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

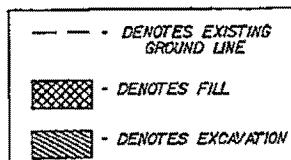
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 36 OF 178



CROSS SECTION



SECTION I-I



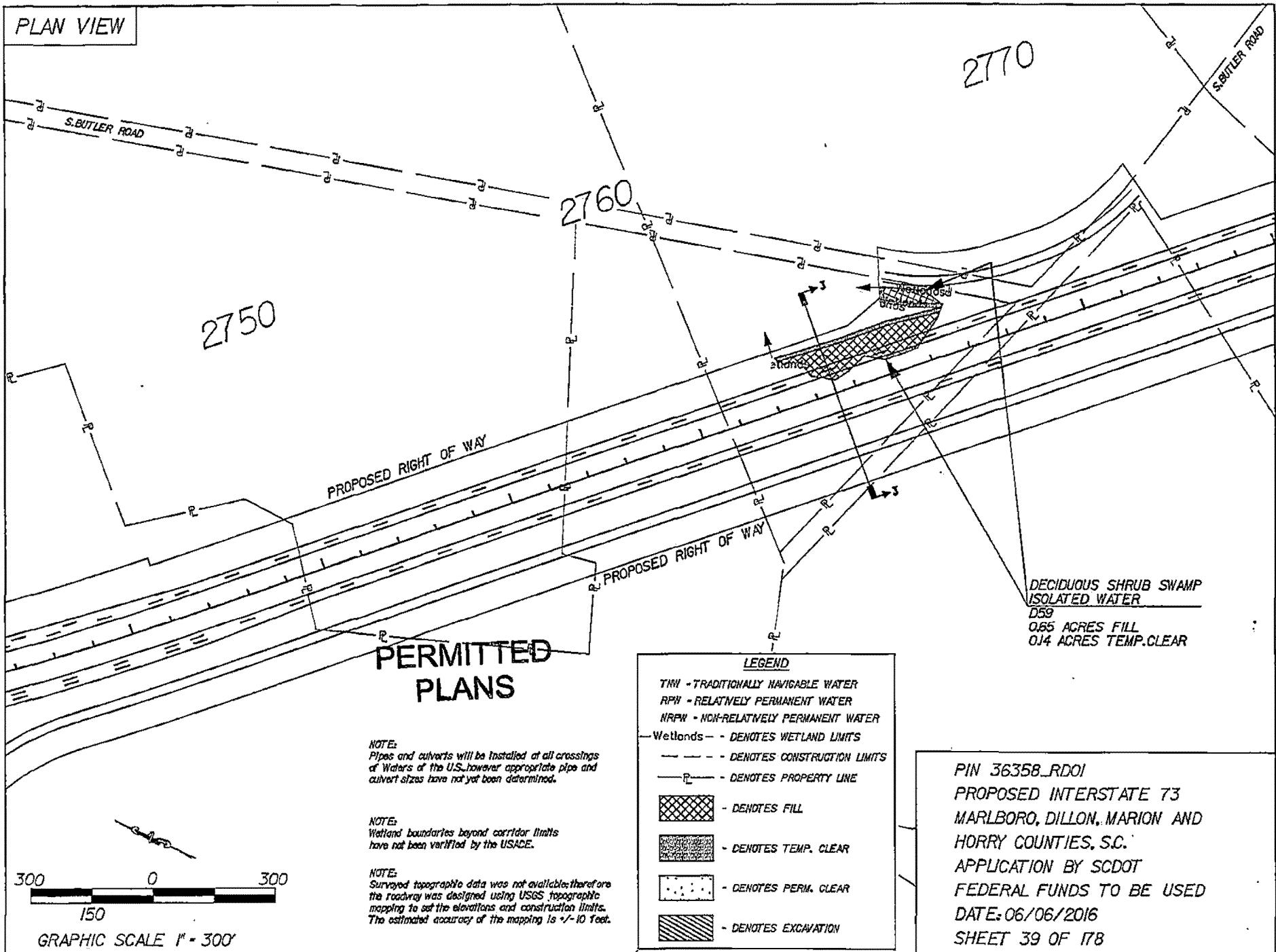
## PERMITTED PLANS

50 0 50  
25  
GRAPHIC SCALE 1" = 50' HORIZ.

**NOTE:**  
Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

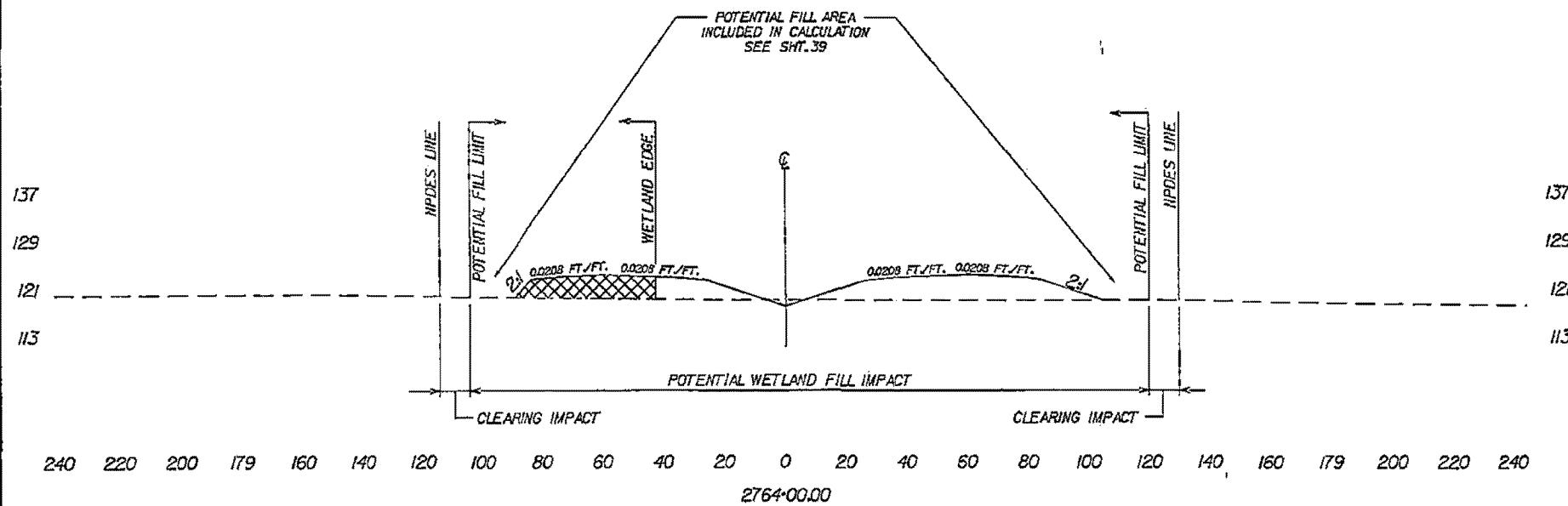
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 38 OF 178

PLAN VIEW



CROSS SECTION

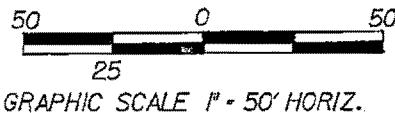
NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION J-J

- - - DENOTES EXISTING GROUND LINE
- [diagonal hatching] - DENOTES FILL
- [cross-hatching] - DENOTES EXCAVATION

PERMITTED PLANS



NOTE:  
Surveyed topographic data was not available therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 40 OF 178

### PLAN VIEW

S.BUTLER ROAD  
2780

JURISDICTIONAL DITCHES  
D60 (SCDNR 239, 230 & 231)  
0.25 ACRES FILL

**PROPOSED RIGHT OF WAY**

2790

2800

LITTLE REED CREEK

PROPOSED RIGHT OF WAY

**NOTE:**  
Pipes and culverts will be installed at all crossings  
of Waters of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.

WOODED SWAMP  
WETLAND ABUTTING RPW  
D61  
6.19 ACRES FILL  
0.71 ACRES TEMP.CLEAR  
1.50 PERMANENT CLEAR

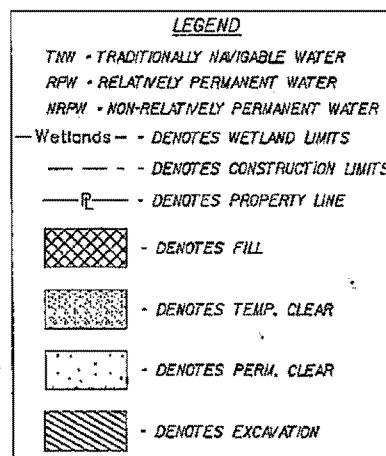
# **PERMITTED PLANS**

A diagram showing a 300x300 grid. The center cell contains the value 0. The top-left and bottom-right corners contain the value 300. The entire grid is shaded in a light gray color.

*GRAPHIC SCALE 1" = 300'*

*NOTE:*  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

**NOTE:** Surveyed topographic data was not available; therefore the roadway was designed using USGS topographic mapping to set the elevations and construction limits. The estimated accuracy of the mapping is +/- 10 feet.

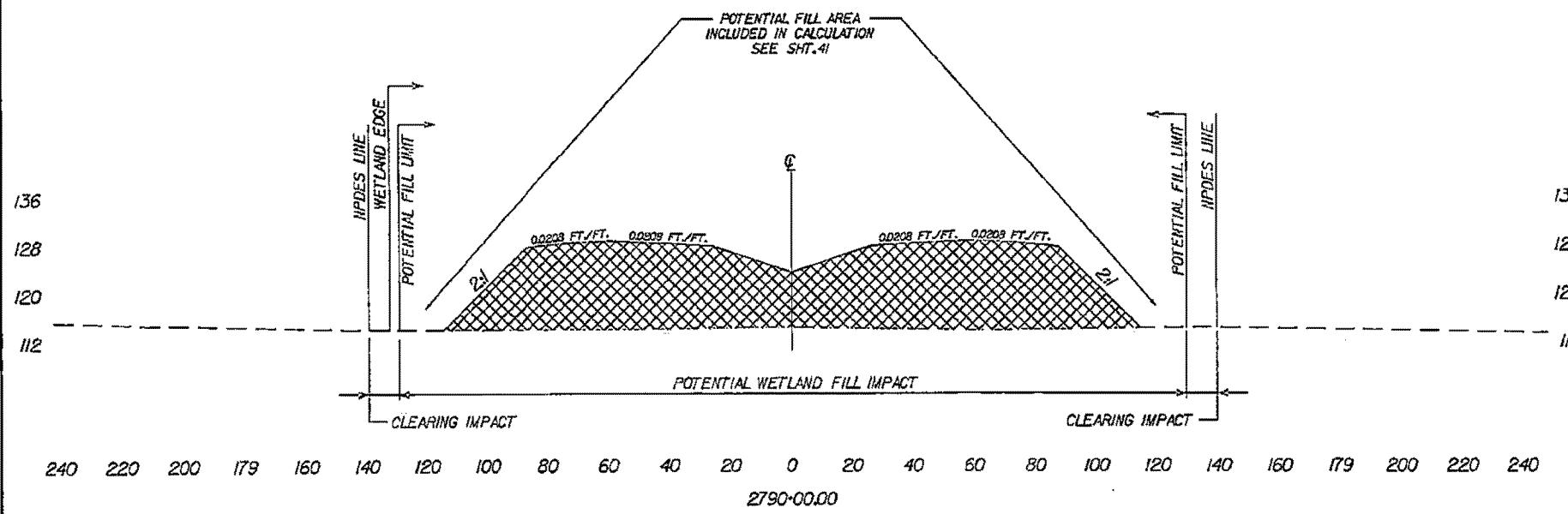


REVISED: 07/01/2016

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 41 OF 178

CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION K-K

- - - DENOTES EXISTING GROUND LINE
- [Hatched Box] - DENOTES FILL
- [Diagonal Stripes Box] - DENOTES EXCAVATION

**PERMITTED  
PLANS**

50 0 50  
25  
GRAPHIC SCALE 1" - 50' HORIZ.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

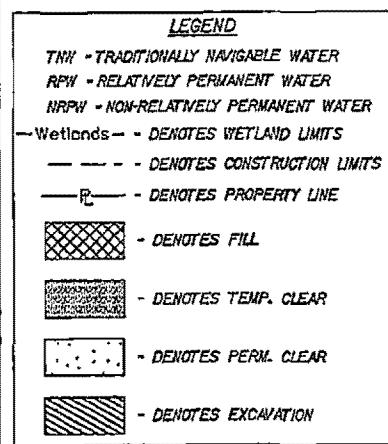
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 42 OF 178

PLAN VIEW

MATCHLINE SHEET 44

PERENNIAL STREAM  
RPW (SCDNR 236)  
D63 (CONT) (THIS SHEET)  
0.02 ACRES FILL  
72 LINEAR FEET

NOTE:  
Pipes and culverts will be installed at all crossings  
of Waters of the U.S., however appropriate pipe and  
culvert sizes have not yet been determined.



BOTTOMLAND HARDWOOD  
WETLAND ABUTTING RPW  
D61  
0.48 ACRES FILL  
0.04 ACRES TEMP.CLEAR

69

BAY CATFISH RD

70

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72

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300

PERMITTED  
PLANS

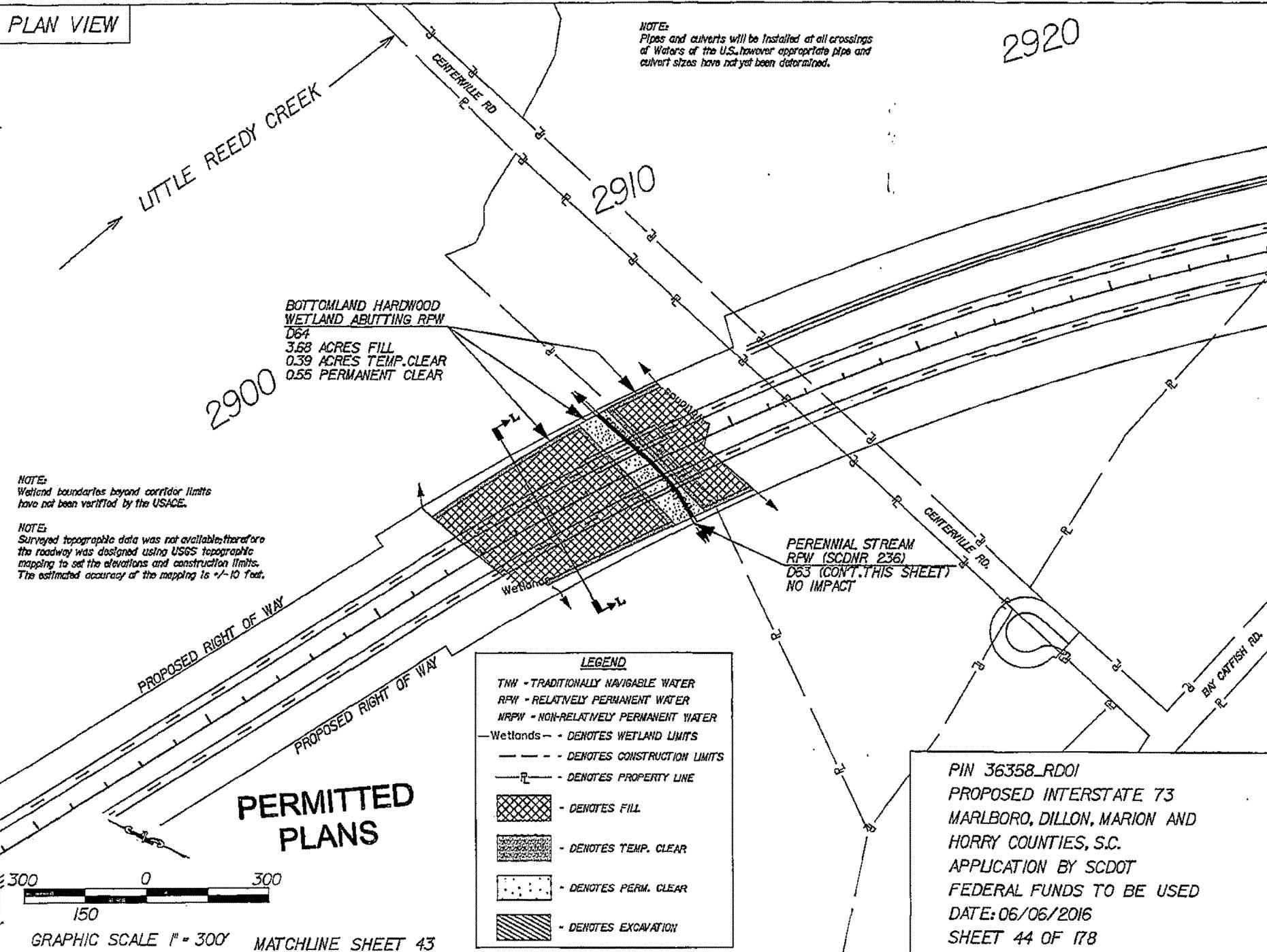
NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

300  
150  
0  
300  
GRAPHIC SCALE 1" = 300'

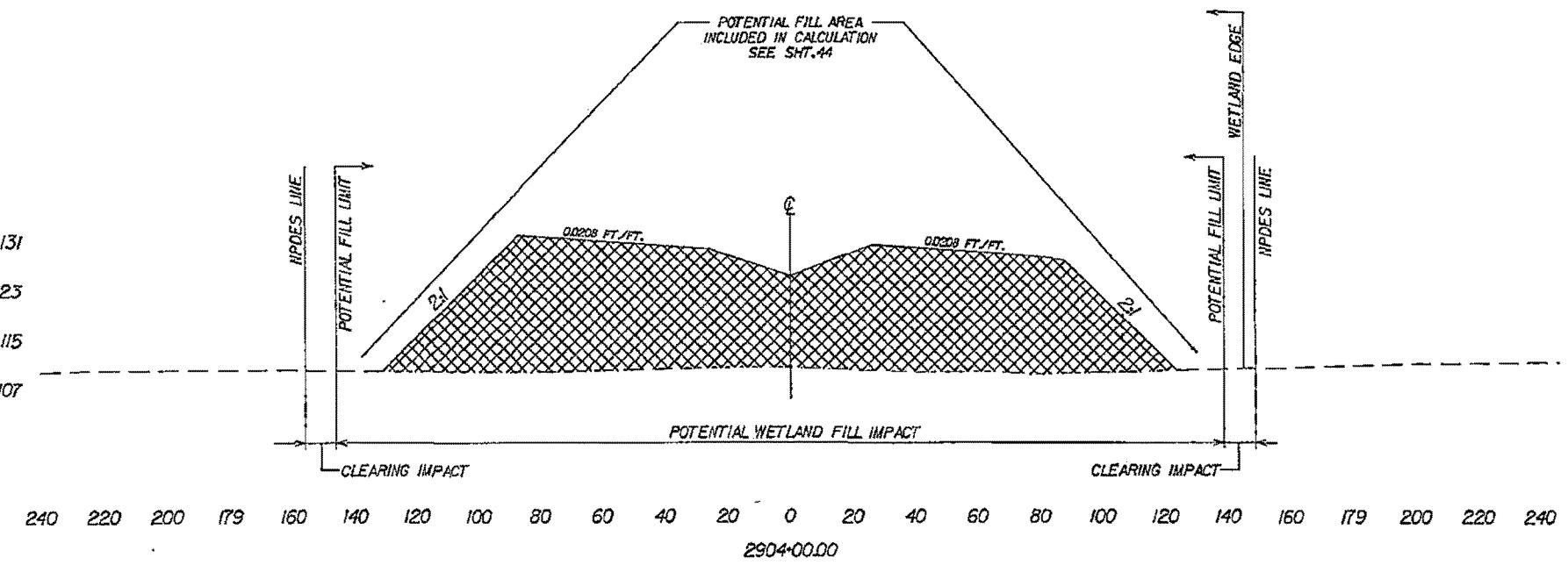
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 43 OF 178

PLAN VIEW

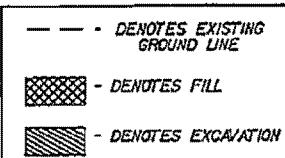


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION L-L

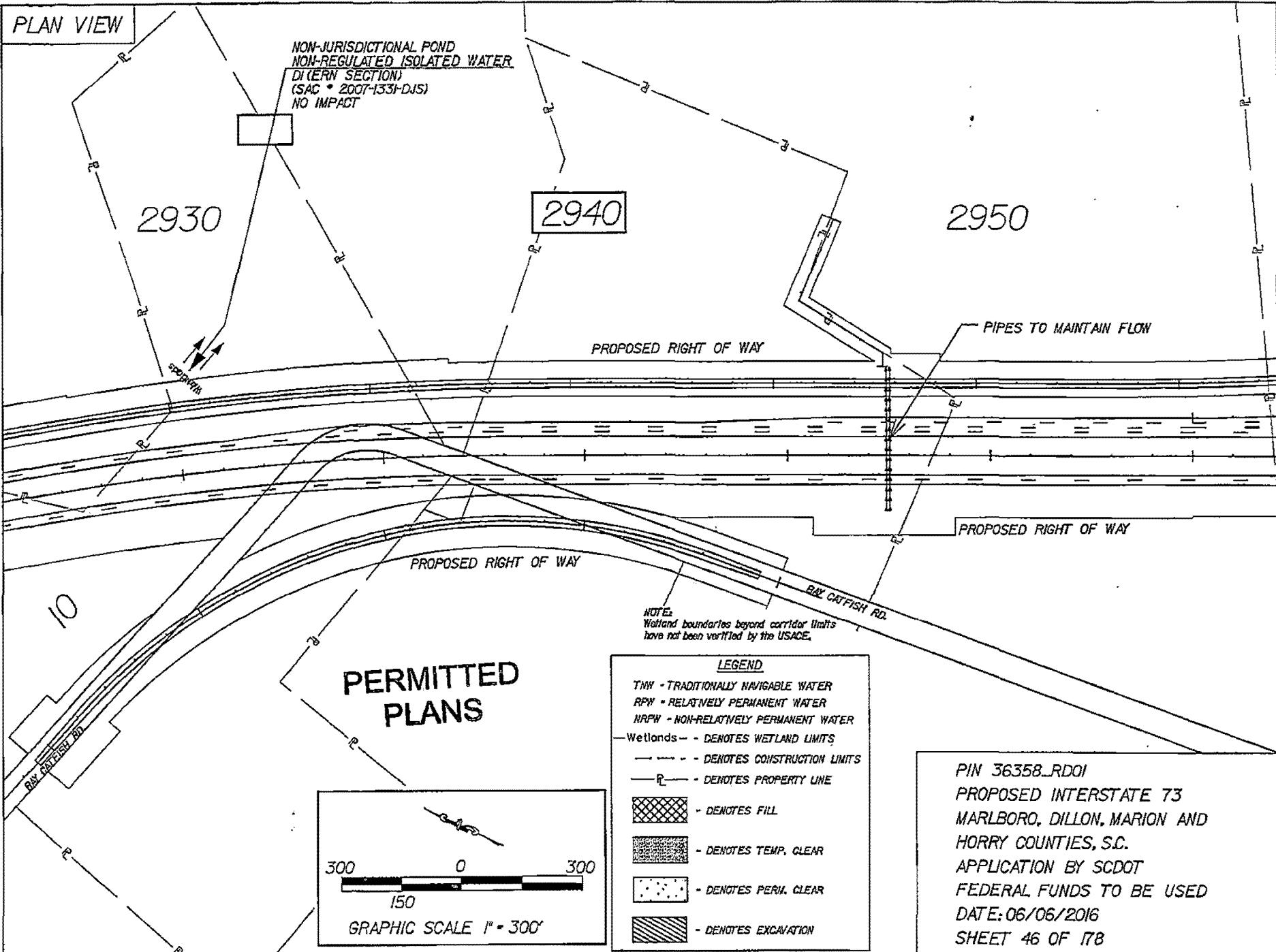


**PERMITTED  
PLANS**

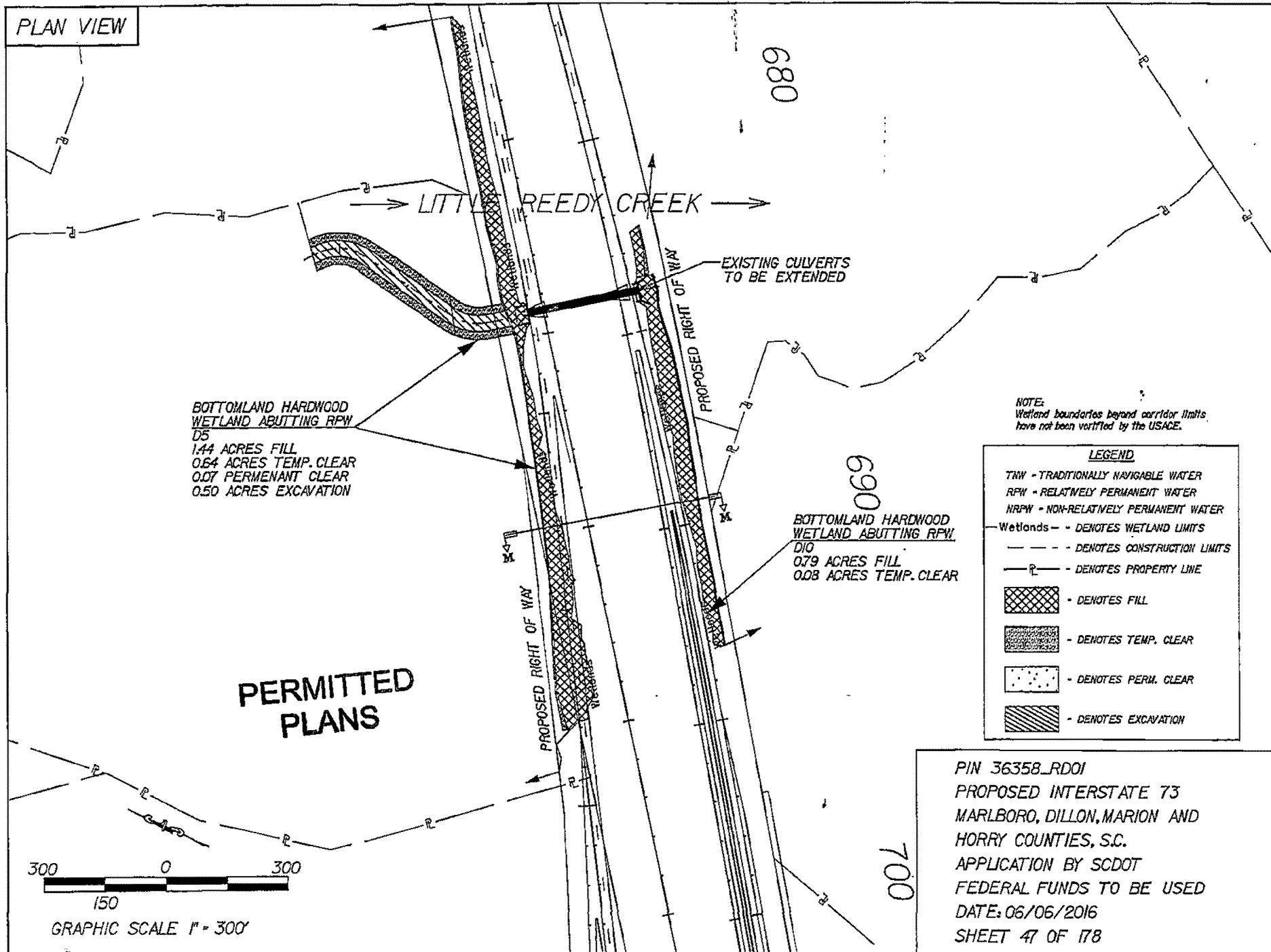
50 0 50  
25  
GRAPHIC SCALE 1" = 50' HORIZ.

NOTE:  
Surveyed topographic data was not available; therefore  
the roadway was designed using USGS topographic  
mapping to set the elevations and construction limits.  
The estimated accuracy of the mapping is +/- 10 feet.

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 45 OF 178



PLAN VIEW



## PLAN & PROFILE VIEW

681+00

682+00

683+00

684+00

685+00

686÷01

687+0

Little Reedy Creek

21'-0" EXTENSION QUAD 10' x 8'  
C-L-P CONCRETE BOX CULVERT

21'-0" EXTENSION QUAD 10' x 8'  
C-L-P CONCRETE BOX CULVERT

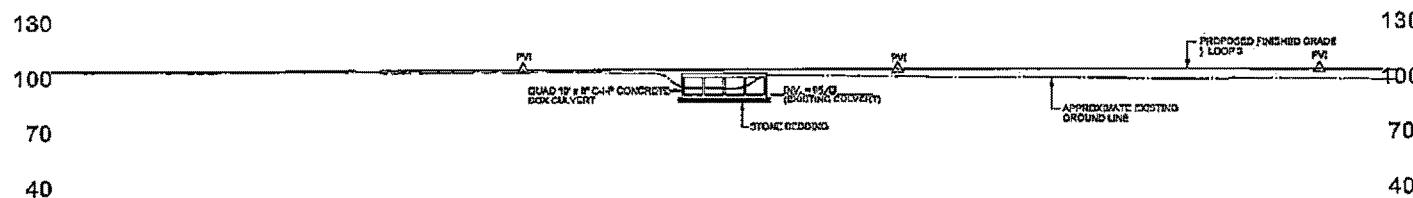
ACCEL. LANE

L-ON-L

CULVERT

SPLIT

PLAN



## HYDROLOGY DATA

D.A.  $\approx$  22.34 SQ. MI.

$Q_{eb} = 1799 \text{ CFS}$

AREA FURNISHED UNDER EL. 102.89 = 290 S.F.

$V_{so} = 7.90 \text{ FT/SEC.}$

Ques 2215 CES

AREA FURNISHED UNDER EL. 103-76 = 320 S.F.

M = 5.90 FT/SEC

V<sub>100</sub> = 3.00 FIV/SB  
EAGLEWATER = 5

BALAWATER<sub>100</sub> = 200

第六章 亂世傳奇：周易與《金言》

### OVERTOPPING FLOOD

Q > 3376 CFS (500-YR)

PROBABILITY <0.02

## PROFILE

1 -

685+00

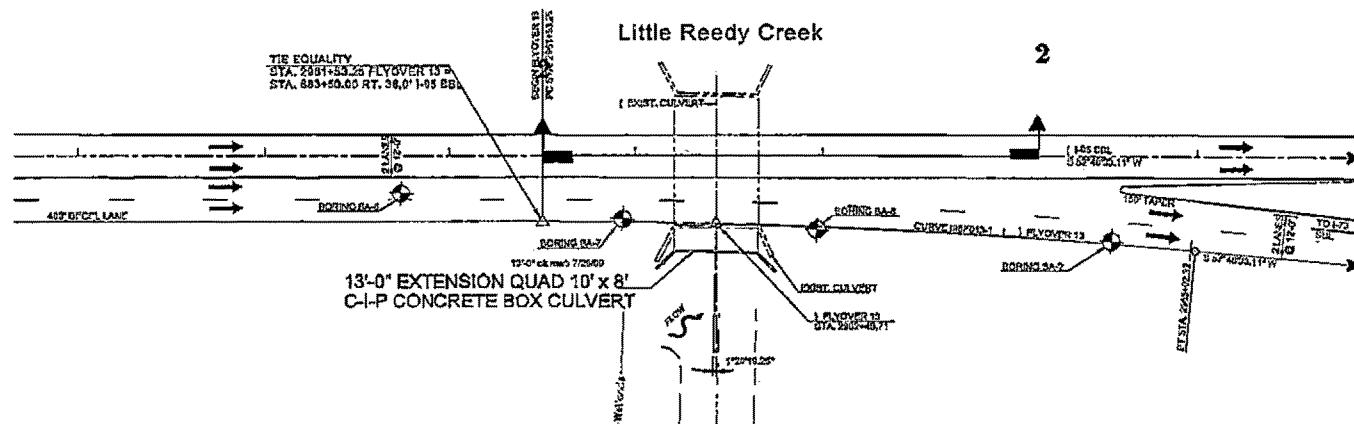
# **PERMITTED PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 47A OF 178

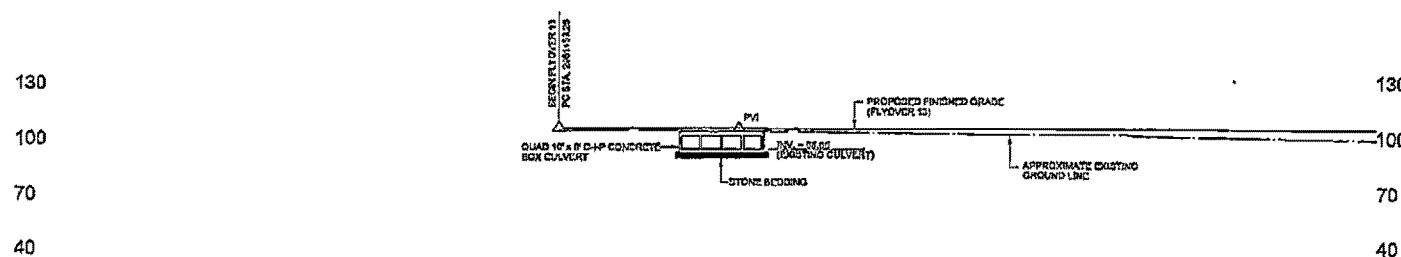
## *PLAN & PROFILE VIEW*

2962+00      2963+00      2964+00      2965+00

Little Reedy Creek



## PLAN



## HYDROLOGY DATA

DA-2234.SQ.M

$\theta_{\text{R}} = 22.0^\circ \text{ S.E.}$

AREA FURNISHED UNDER E.I. 103.86 & 200.6.E

AREA FURNISHED UP  
M - 3.00 EACH

$V_{50} = 7.90 \text{ FT/SEC.}$

$$Q_{100} = 2215 \text{ CFS}$$

**AREA FURNISHED UN**

$V_{100} = 9.00 \text{ FT/SEC.}$

**BACKWATER<sub>m</sub> = 2.00'**

二〇〇〇年四月

## OVERTOPPING FLOOD.

**Q > 3376 CFS (600-YR. DISCHARGE)**

PROBABILITY < 0.02

2962±00

2865400

PROFILE

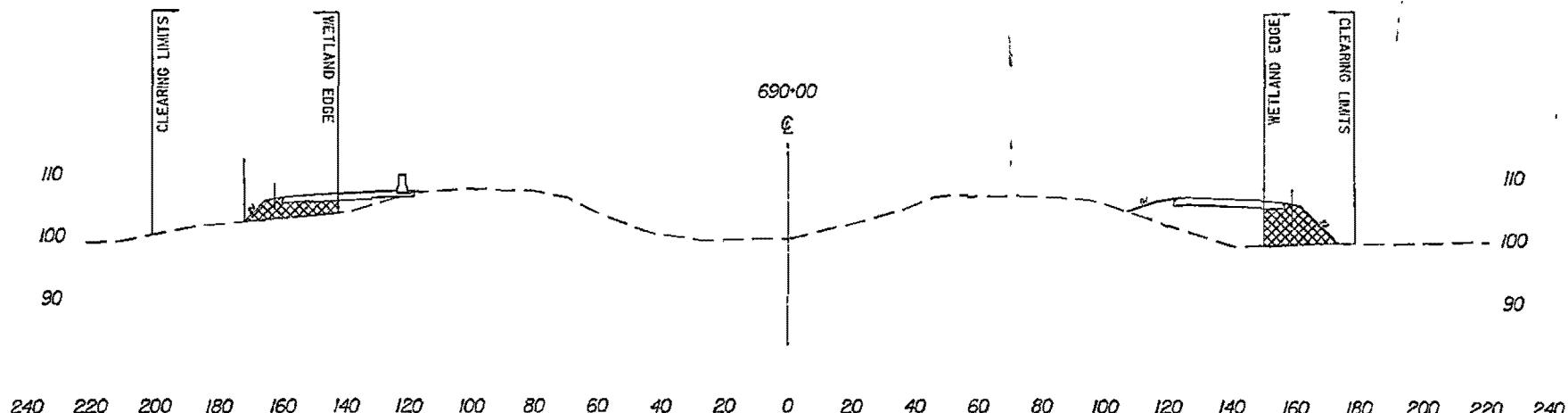
2 - 2

## **PERMITTED PLANS**

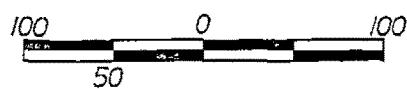
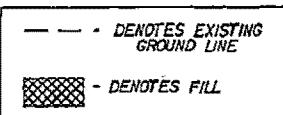
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 47B OF 78

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION M-M

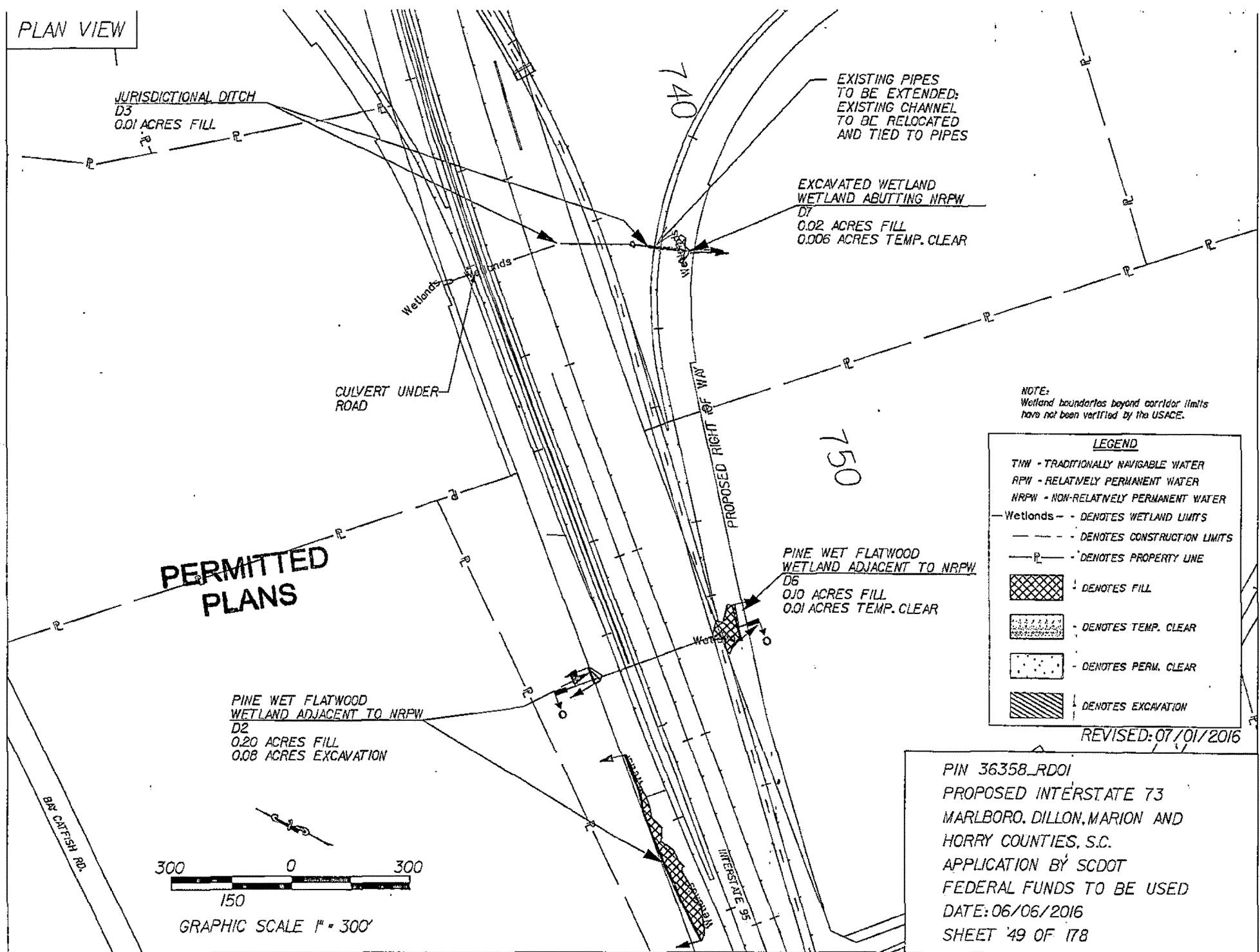


GRAPHIC SCALE 1" = 100' HORIZ.

## PERMITTED PLANS

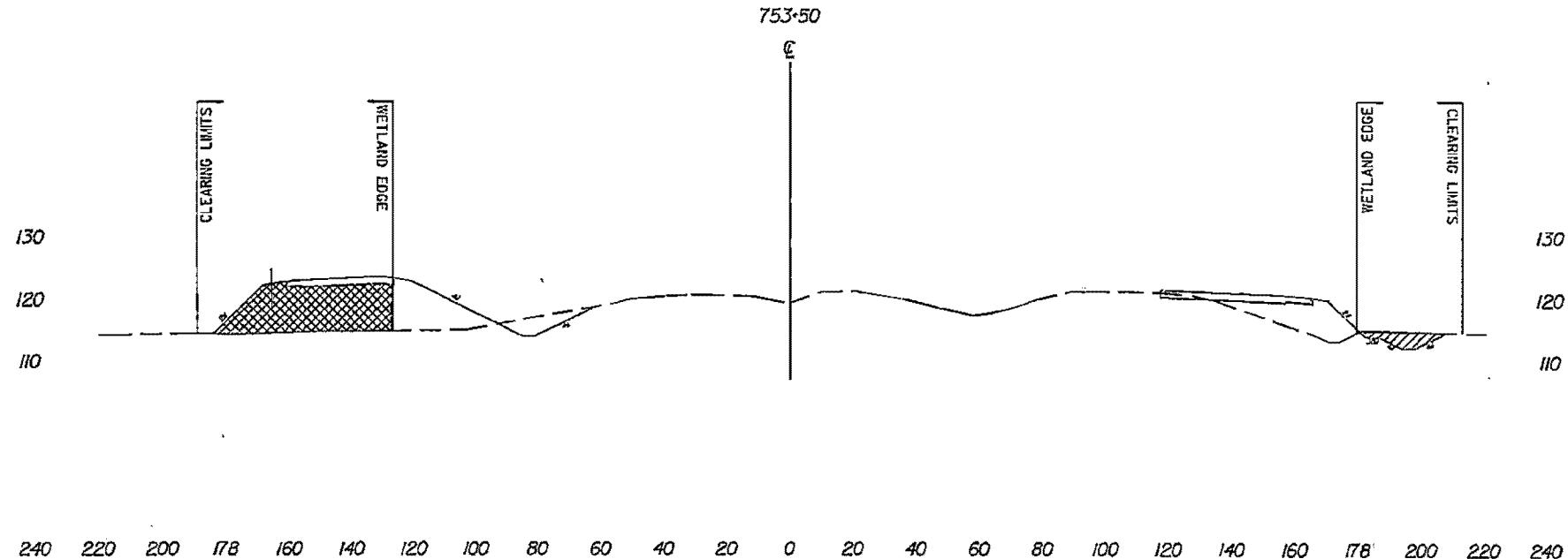
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 48 OF 178

PLAN VIEW

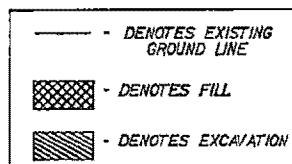


CROSS SECTION

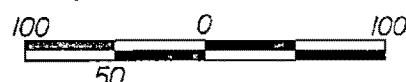
NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION O-O

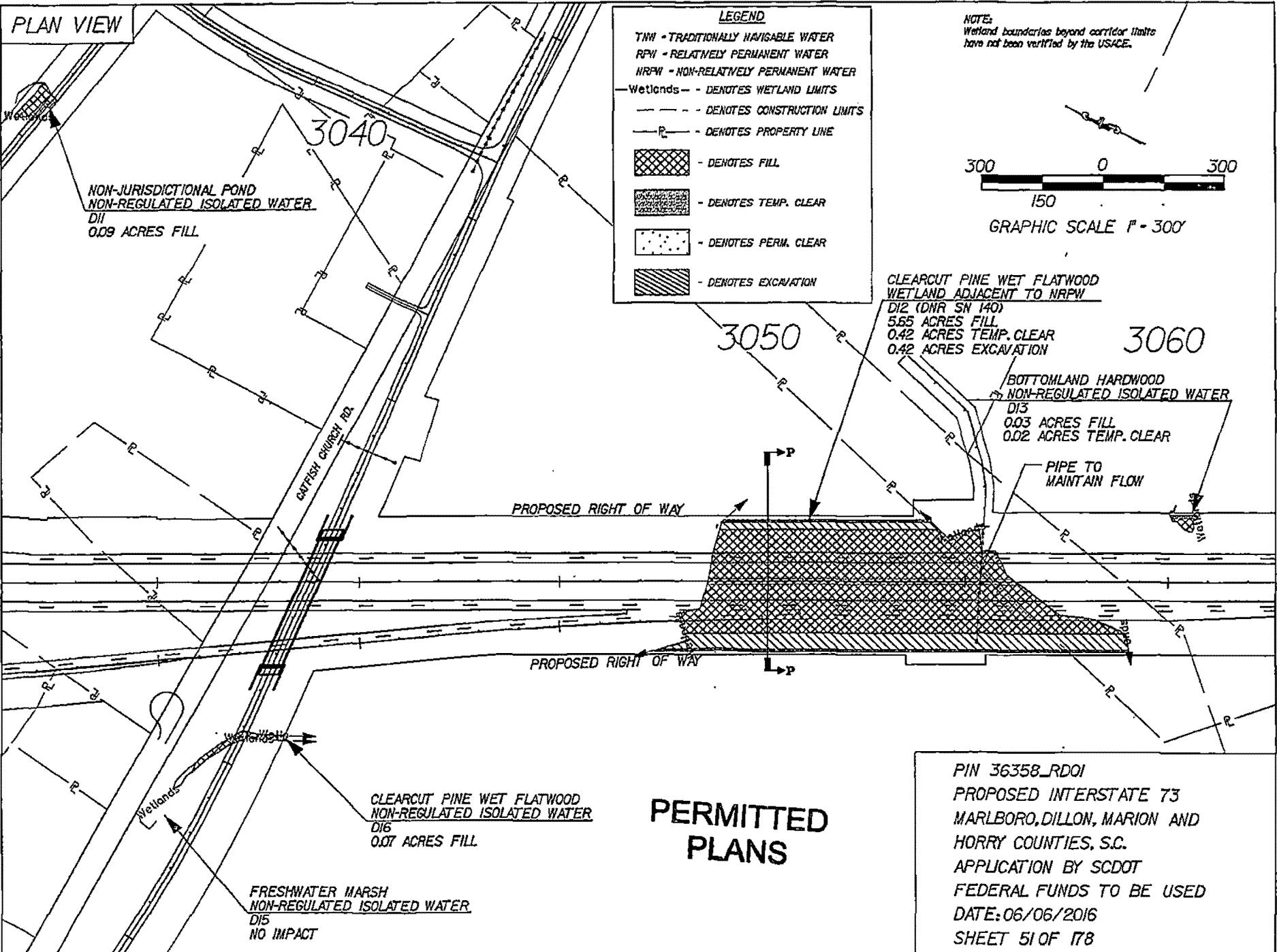


## PERMITTED PLANS



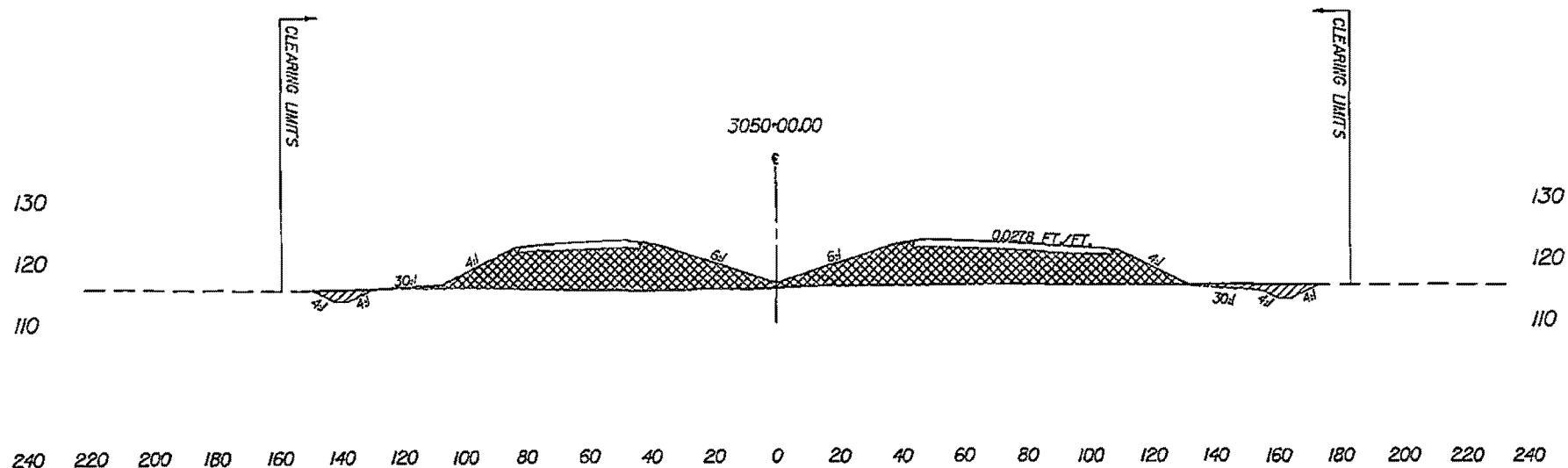
GRAPHIC SCALE 1" = 100' HORIZ.

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 50 OF 178

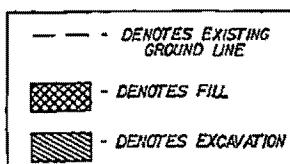


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION P-P



50      0      50  
25  
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 52 OF 178

PLAN VIEW

3070

BOTTOMLAND HARDWOOD  
NON-REGULATED ISOLATED WATER  
D14  
0.09 ACRES FILL  
0.01 ACRES EXCAVATION  
0.01 ACRES TEMP. CLEAR

3080

3090

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND

- TNW - TRADITIONALLY NAVISABLE WATER
- RPN - RELATIVELY PERMANENT WATER
- NRPN - NON-RELATIVELY PERMANENT WATER
- Wetlands - - DENOTES WETLAND UNITS
- - - DENOTES CONSTRUCTION UNITS
- P - - DENOTES PROPERTY LINE
- [Hatched Box] - DENOTES FILL
- [Cross-hatched Box] - DENOTES TEMP. CLEAR
- [Dotted Box] - DENOTES PERM. CLEAR
- [Diagonal-hatched Box] - DENOTES EXCAVATION

PERMITTED  
PLANS

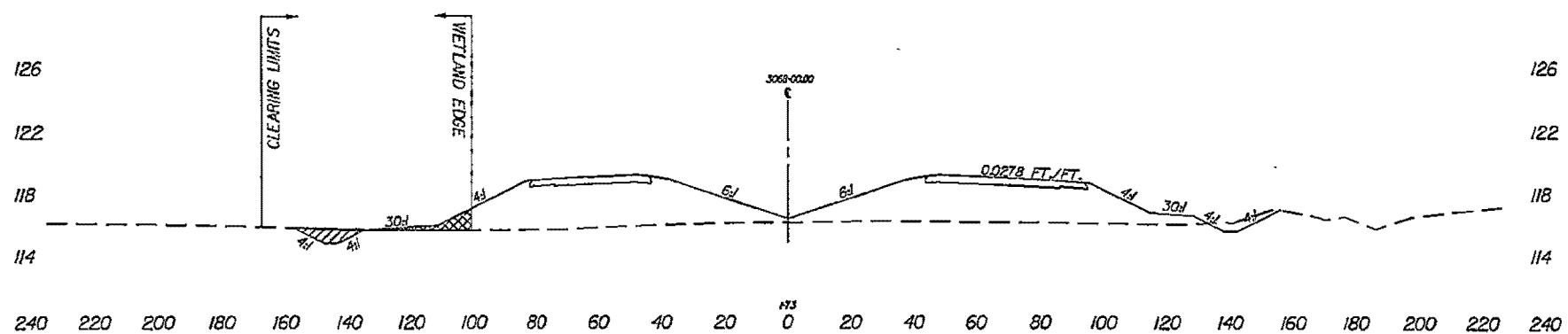
300 0 300

150

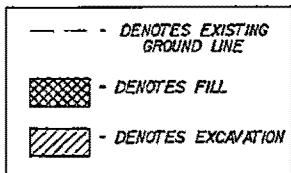
GRAPHIC SCALE 1" = 300'

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 53 OF 178

CROSS SECTION



SECTION Q-Q

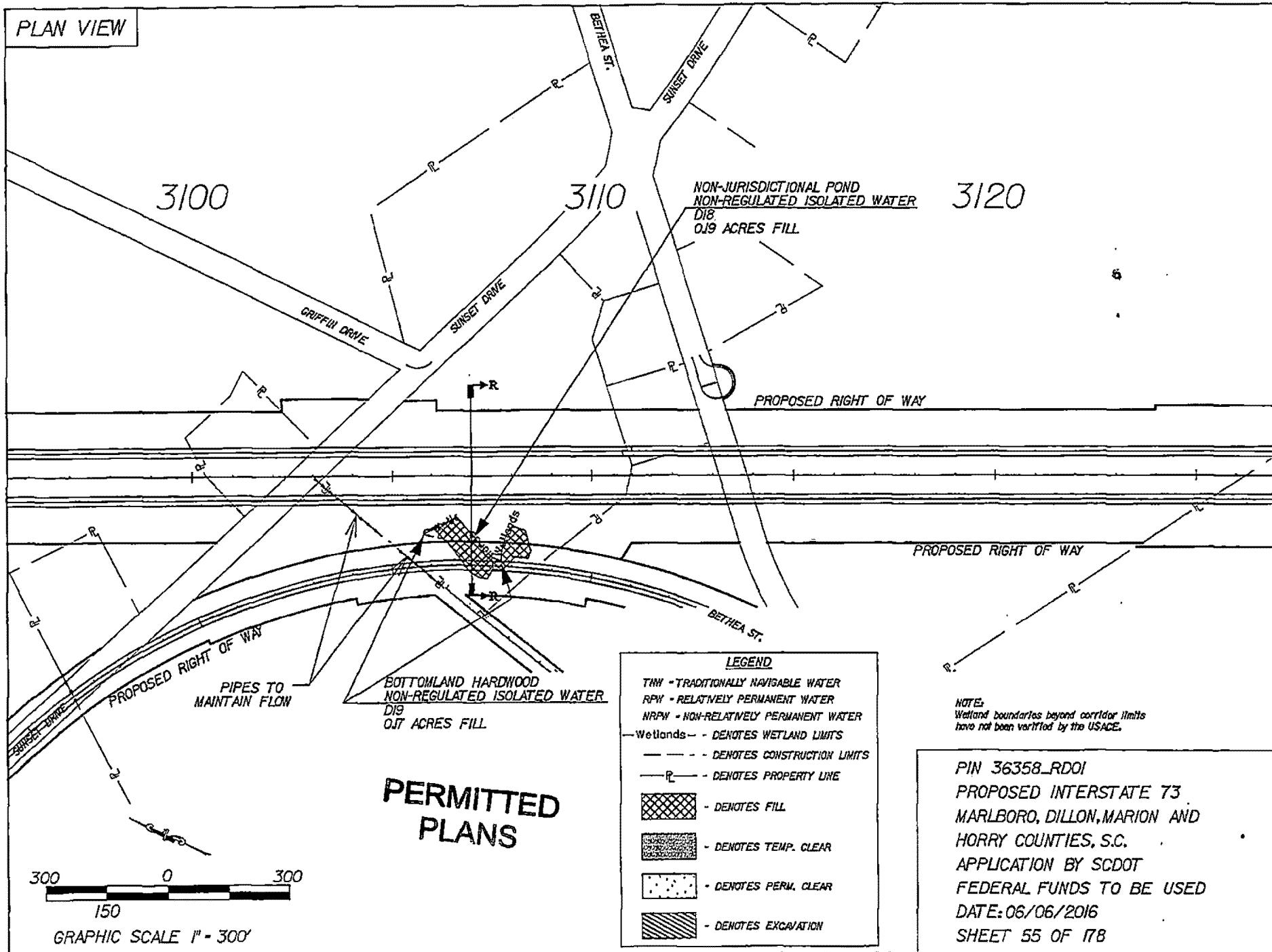


50      0      50  
25  
GRAPHIC SCALE 1" = 50' HORIZ.

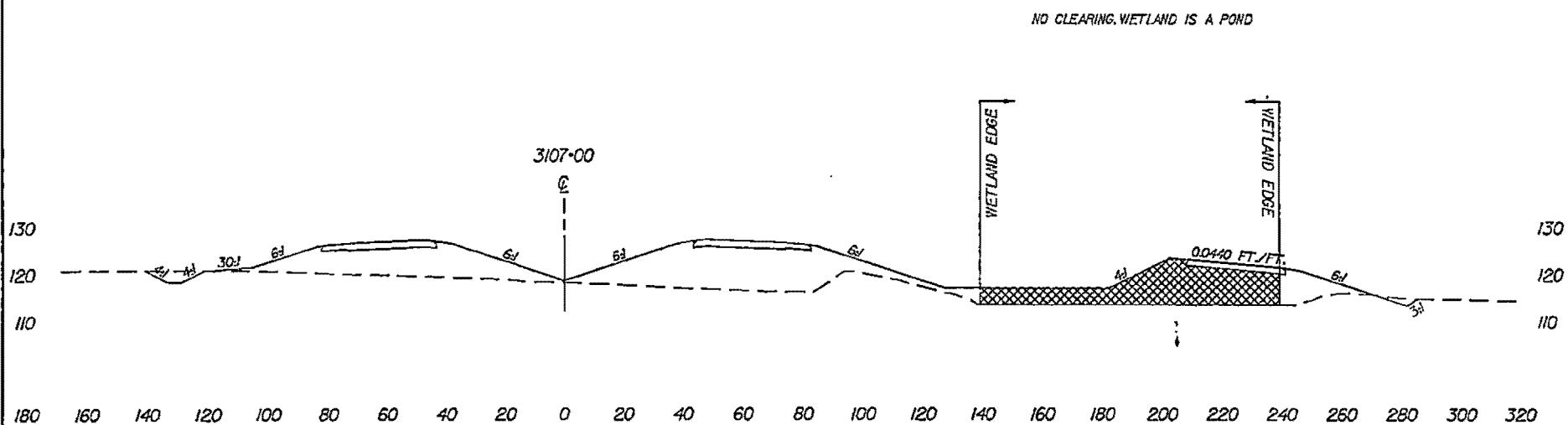
**PERMITTED PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 54 OF 178

PLAN VIEW



CROSS SECTION



I-73

SECTION R-R

— - - DENOTES EXISTING GROUND LINE  
■ ■ ■ - DENOTES FILL

50 0 50  
25  
GRAPHIC SCALE 1" = 50' HORIZ.

**PERMITTED PLANS**

PIN 36358-RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND Horry COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 56 OF 178

PLAN VIEW

3140

NON-JURISDICTIONAL POND  
NON-REGULATED ISOLATED WATER  
D21 (DNR SN 16)  
0.41 ACRES FILL

PROPOSED RIGHT OF WAY

WET MANAGED PINE STAND  
NON-REGULATED ISOLATED WATERS  
D20  
NO IMPACT

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

CULVERT UNDER  
ROAD

PROPOSED RIGHT OF WAY

SC 9ft

Wetlands - Wetlands

JURISDICTIONAL DITCHES  
D22 (DNR SN 125)  
0.27 ACRES FILL  
(THIS SHEET)

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

CLEARCUT PINE WET FLATWOOD  
WETLAND ADJACENT TO RPW  
D23  
0.02 ACRES FILL  
0.01 ACRES TEMP. CLEAR

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

REVISED: 07/01/2016

## PERMITTED PLANS

MATCHLINE SHEET 59

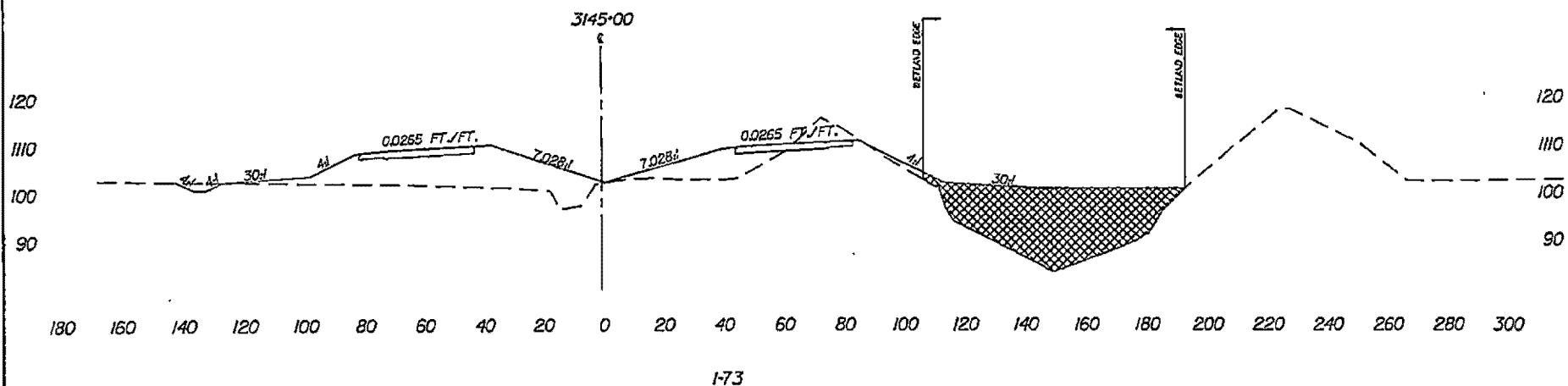
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 57 OF 178

300 0 300

150  
GRAPHIC SCALE 1" = 300'

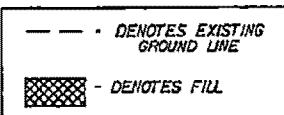
CROSS SECTION

NO CLEARING, WETLAND IS A POND, SEE SHT.57



I-73

SECTION S-S



50 0 50

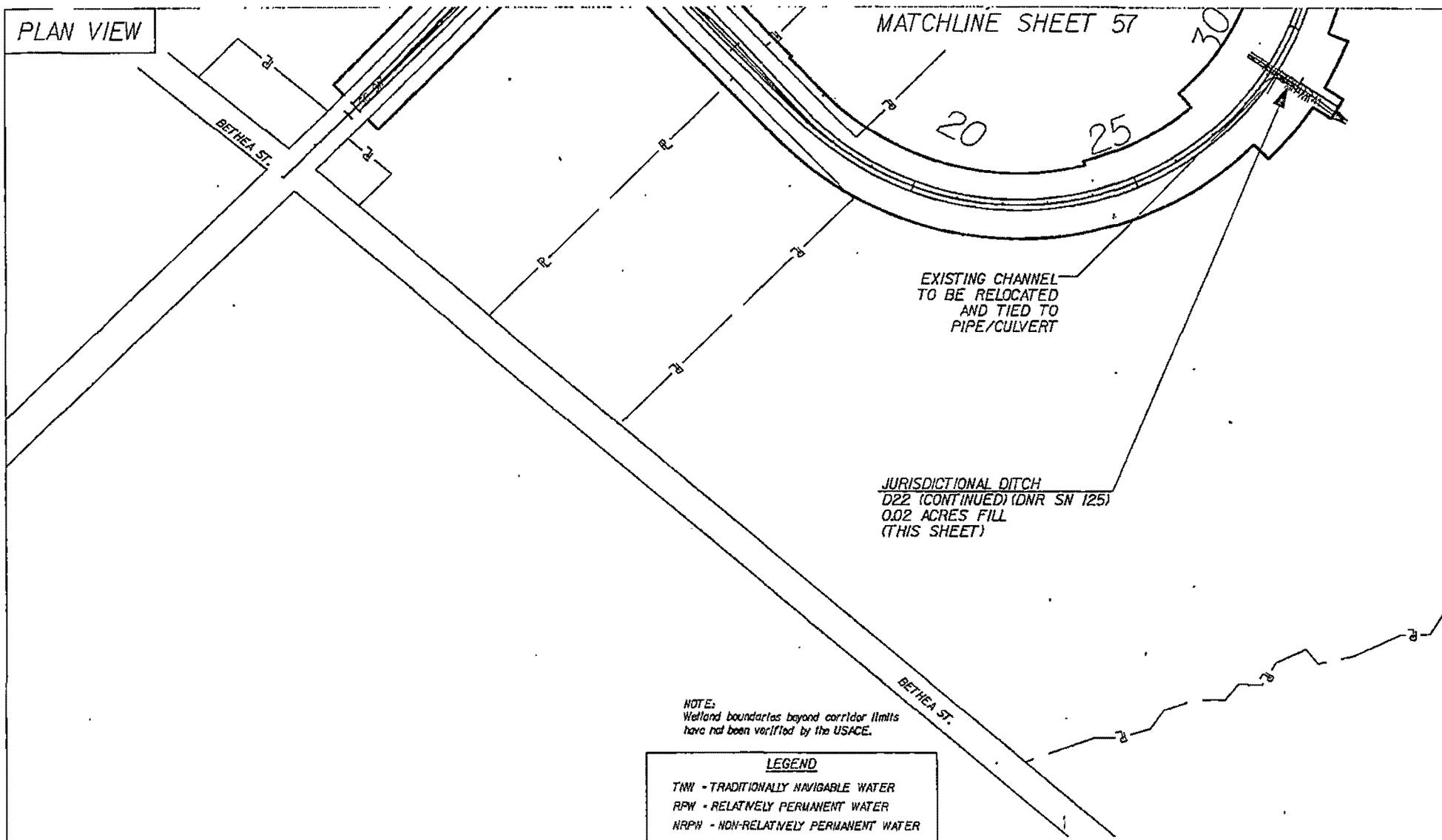
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 58 OF 178

PLAN VIEW

MATCHLINE SHEET 57



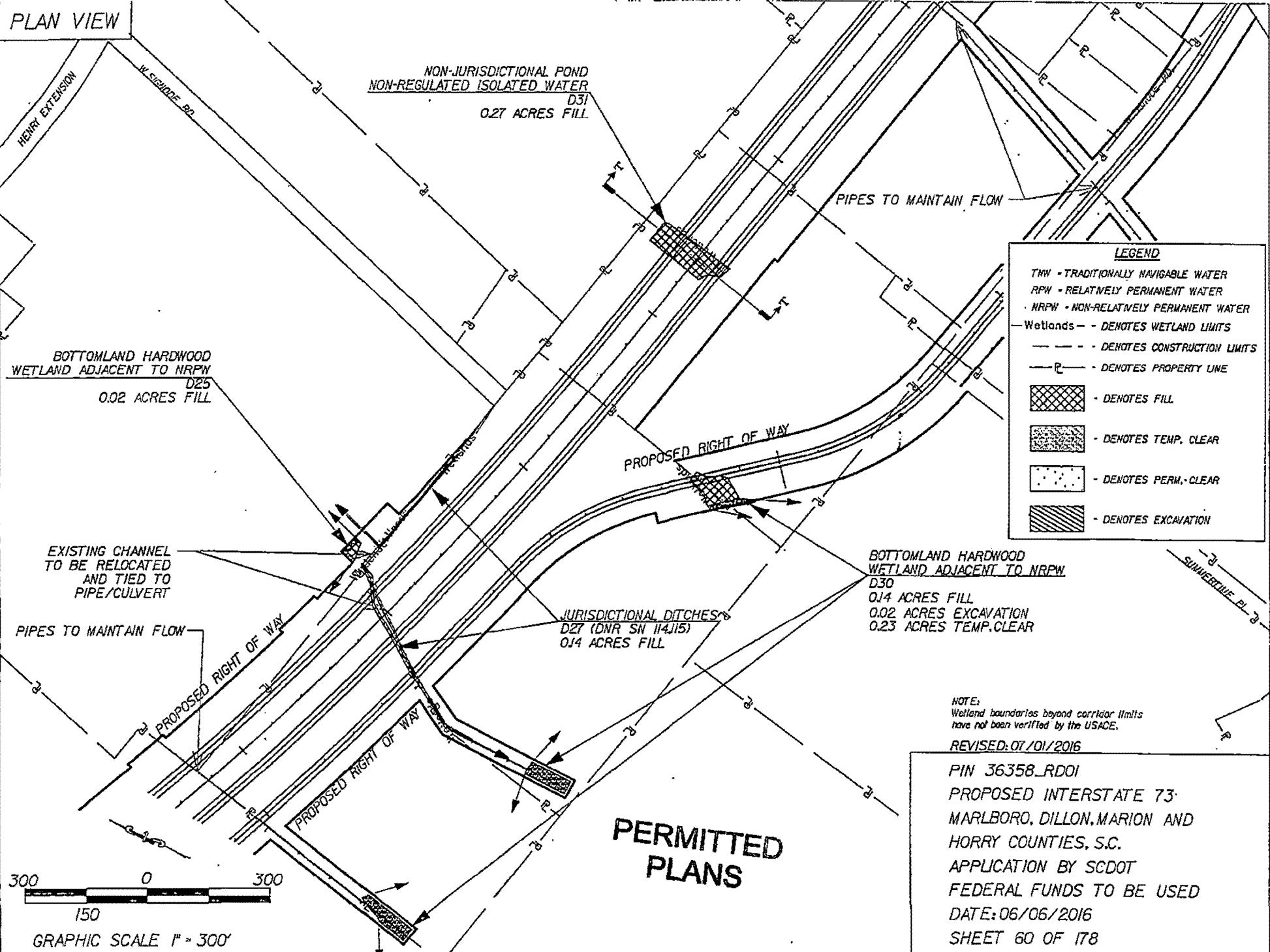
## PERMITTED PLANS

300 0 300

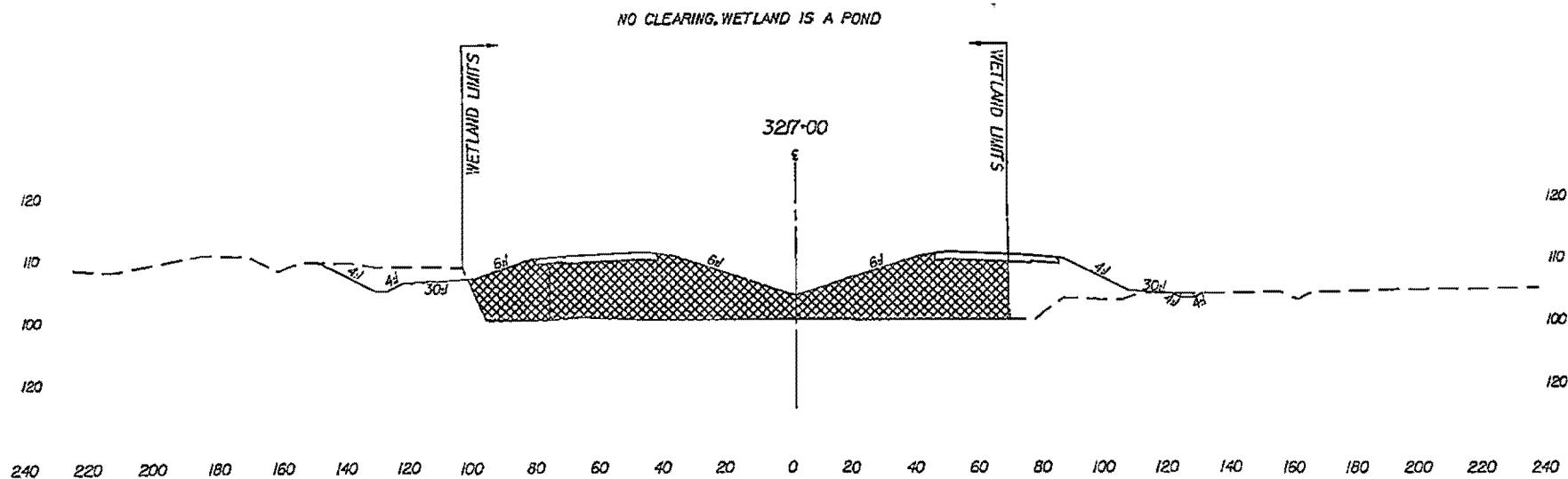
150  
GRAPHIC SCALE 1' = 300'

REVISED: 07/01/2016

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 59 OF 178



## CROSS SECTION



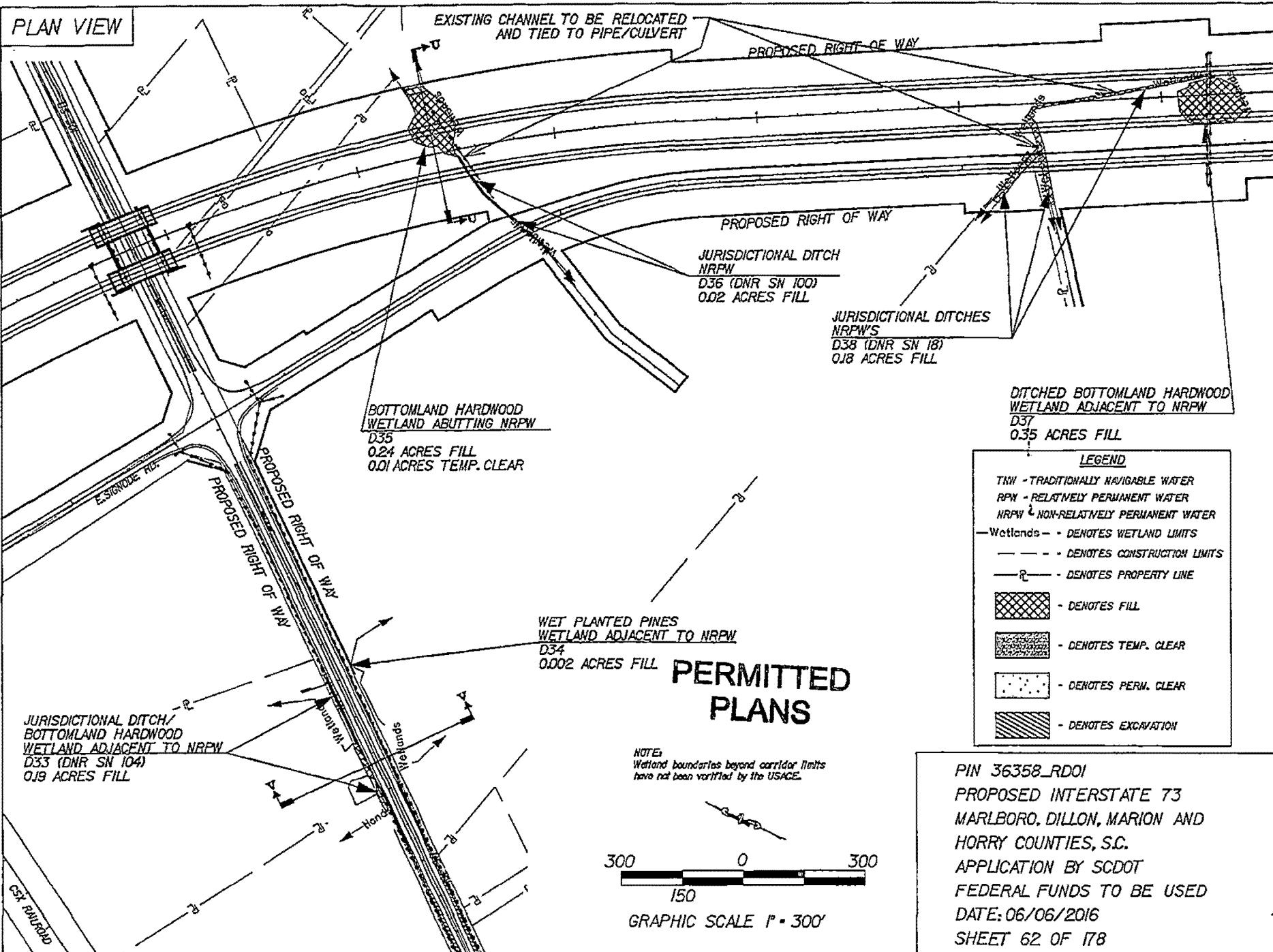
### SECTION T-T<sub>1</sub>

 - DENOTES EXISTING GROUND LINE  
 - DENOTES FILL

A horizontal graphic scale bar with markings at 0, 25, and 50. The total length is 50'. Below it is the text "GRAPHIC SCALE 1" = 50' HORIZ.

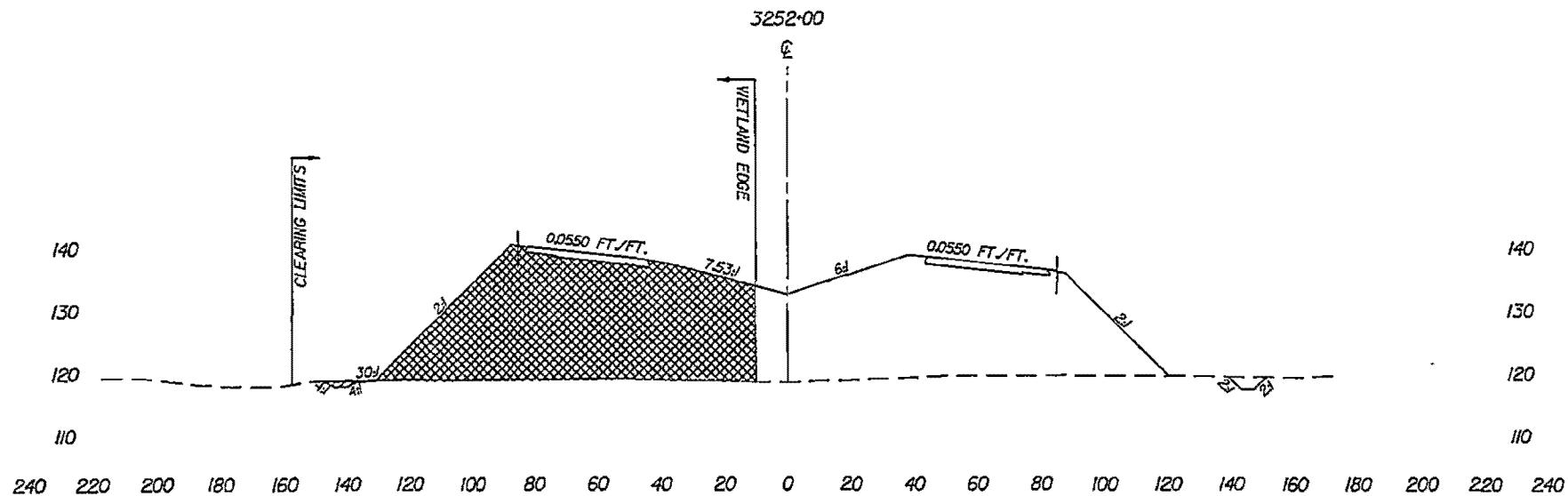
## **PERMITTED PLANS**

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 61 OF 178

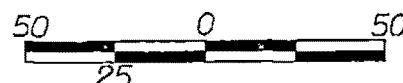
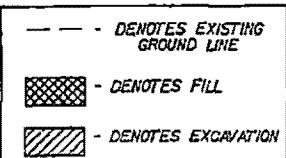


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION U-U



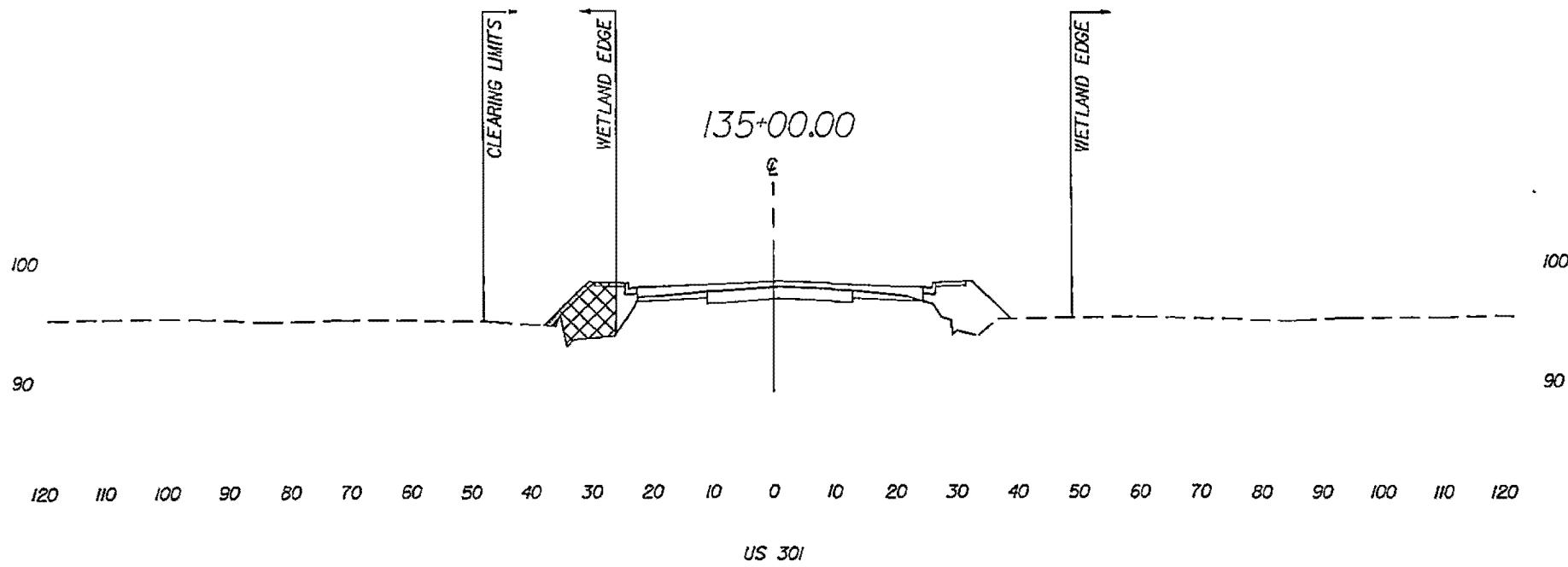
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 63 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION V-V

- - - DENOTES EXISTING GROUND LINE
- [Hatched Box] - DENOTES FILL
- [Stripped Box] - DENOTES EXCAVATION

25      0      25

GRAPHIC SCALE 1" = 25' HORIZ.

**PERMITTED PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 64 OF 178

**PERMITTED PLANS**

PLAN VIEW

ED\_001363\_00000274-00073

BOTOMLAND HARDWOOD  
NON-REGULATED ISOLATEE  
D39  
006 ACRES E/W

006 ACRES FLS  
039 NON-REGULATED ISOLATED WATER  
BOTTLED HARDWOOD

040 ACRES EXCAVATION  
040 ACRES FIL  
301 ACRES SN 32 96  
WETLAND AEROTURIS  
BOSTONIAN HARDWOOD  
JURISDICTIONAL DIFFICULTIES

SOI TOLLAND HARDWOOD/  
URISDICTONAL DFLCH  
ELTLAND ABUTTING NFW  
40 (DNR SN 92-96)

Σ

290

The diagram shows a right-angled triangle with its hypotenuse labeled 'HYP'. A vertical line segment from the right-angle vertex to the hypotenuse is labeled 'RIGHT ANGLE HEIGHT'. The total length of the vertical side is labeled 'TOTAL HEIGHT'.

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

ΣΣΟ

NATIONAL FLOW

BOTTOMLAND HARDWOOD  
NETTLELAND AUTUMN PINE

060 ACRES FILE THIS SHEET  
7 ACRES TEMP. CLEAR THIS SHEET

<b>LEGEND</b>		- DENOTES PROPER LINE
TMM - TRADITIONALLY NAVISABLE WATER		- DENOTES NONSTRUCTURAL UNITS
RW - RELATIVELY PERMANENT WATER		- DENOTES PERMANENT WATER
Wedges - - - - -		- DENOTES WEATHERED UNITS
MWP - NON-RELATIVELY PERMANENT WATER		- DENOTES PROPER LINE
RW - RELATIVELY PERMANENT WATER		- DENOTES CLEAR
TMM - TRADITIONALLY NAVISABLE WATER		- DENOTES EXCAVATION

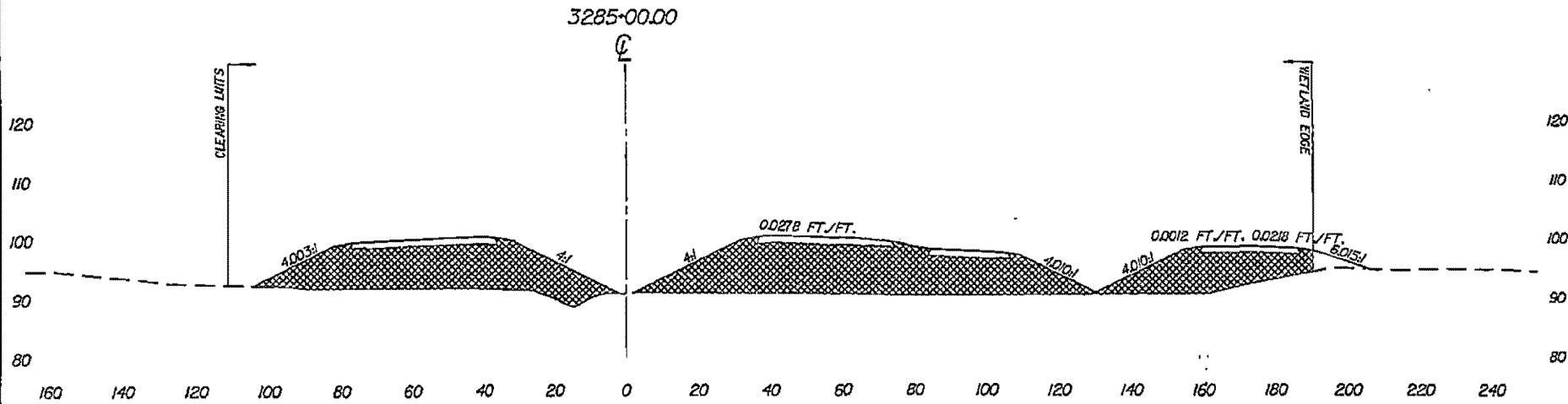
PROPOSED INTERSTATE 73  
MARLBORO, DULUTH, MARION AND  
HORRY COUNTIES, SC.  
APPENDIX BY SCOTT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 65 OF 116

**NO/E** *Widened boundaries beyond outside limits have not been verified by the USACE.*

MATCHING SHEET

CROSS SECTION

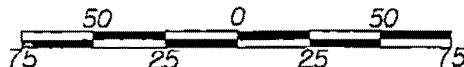
NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION W-W

PERMITTED  
PLANS

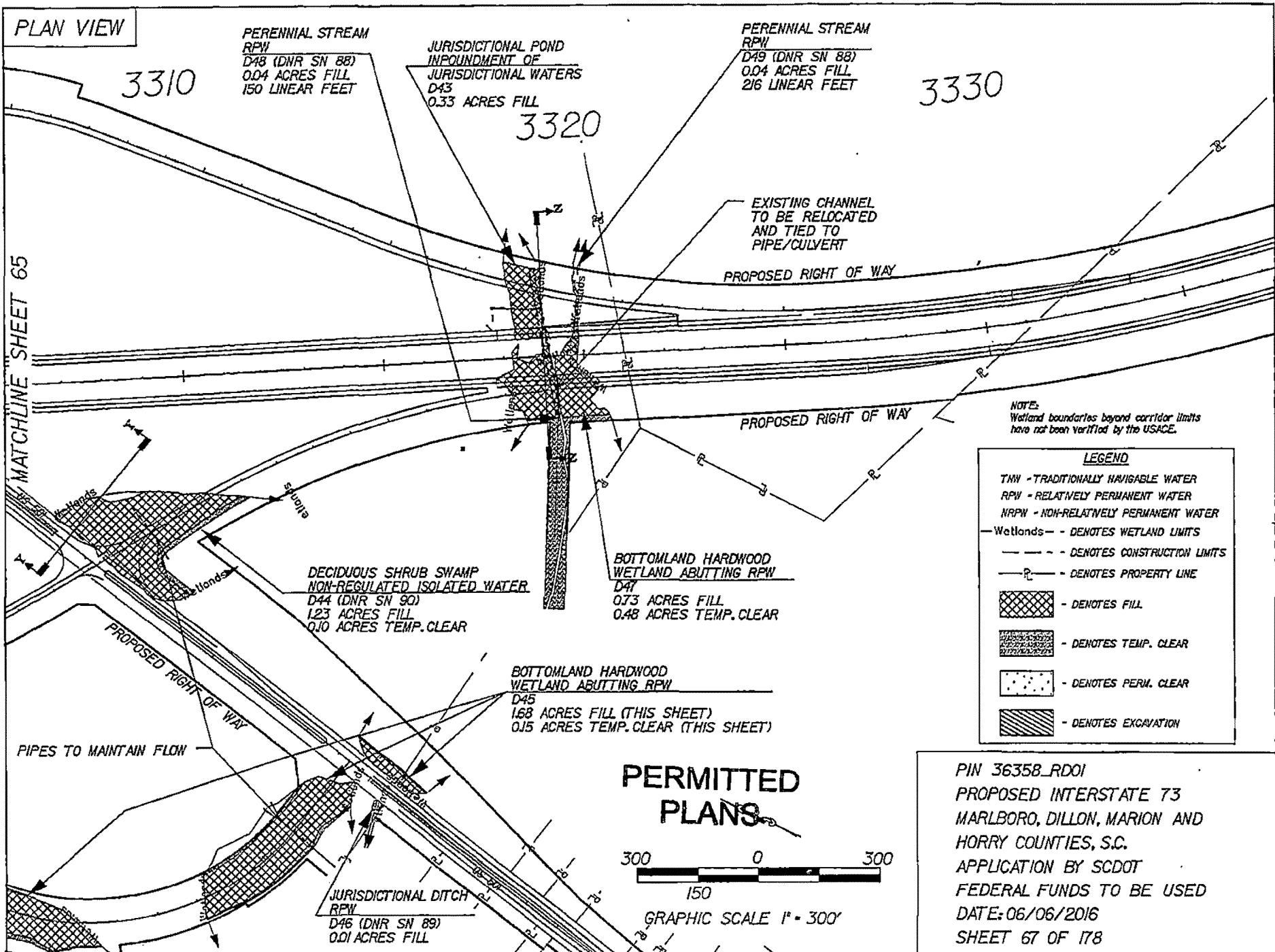
— — - DENOTES EXISTING  
GROUND LINE  
■ ■ ■ - DENOTES FILL



GRAPHIC SCALE 1" - 62.5' HORIZ.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 66 OF 178

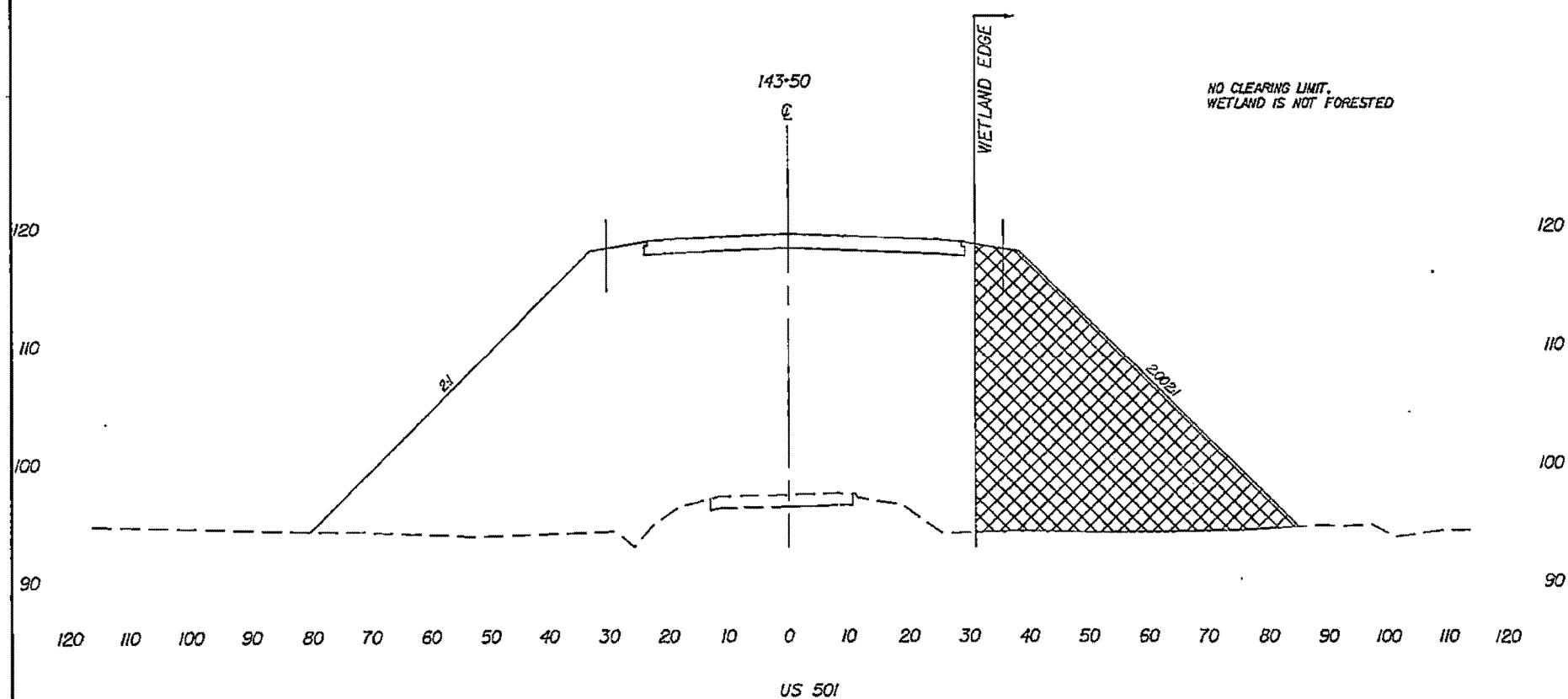
PLAN VIEW



PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND Horry COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 67 OF 178

## CROSS SECTION

**NOTE:**  
**WETLAND UNITS EXTEND BEYOND CORRIDOR UNITS**



SECTION Y-Y

— — - DENOTES EXISTING GROUND LINE  
 - DENOTES FILL

A horizontal ruler scale marked from 0 to 25 centimeters. The scale is divided into five major segments by vertical tick marks. The first segment is labeled '25' at its left end. The third segment is labeled '0' at its right end. The fourth segment is labeled '25' at its right end. The second segment is labeled '12.5' at its bottom center.

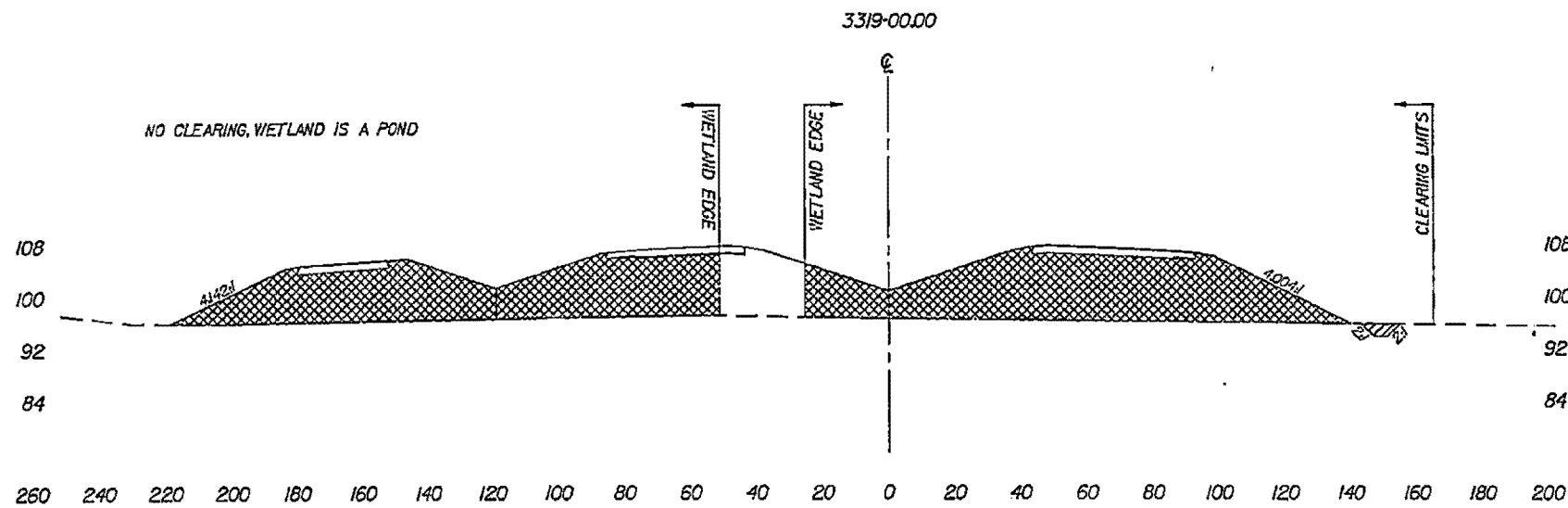
GRAPHIC SCALE 1" - 25' HORIZ.

**PERMITTED  
PLANS**

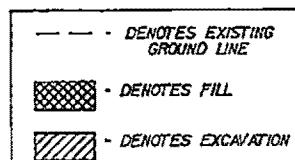
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 68 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS

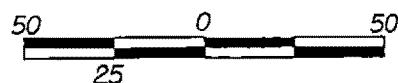


I-73



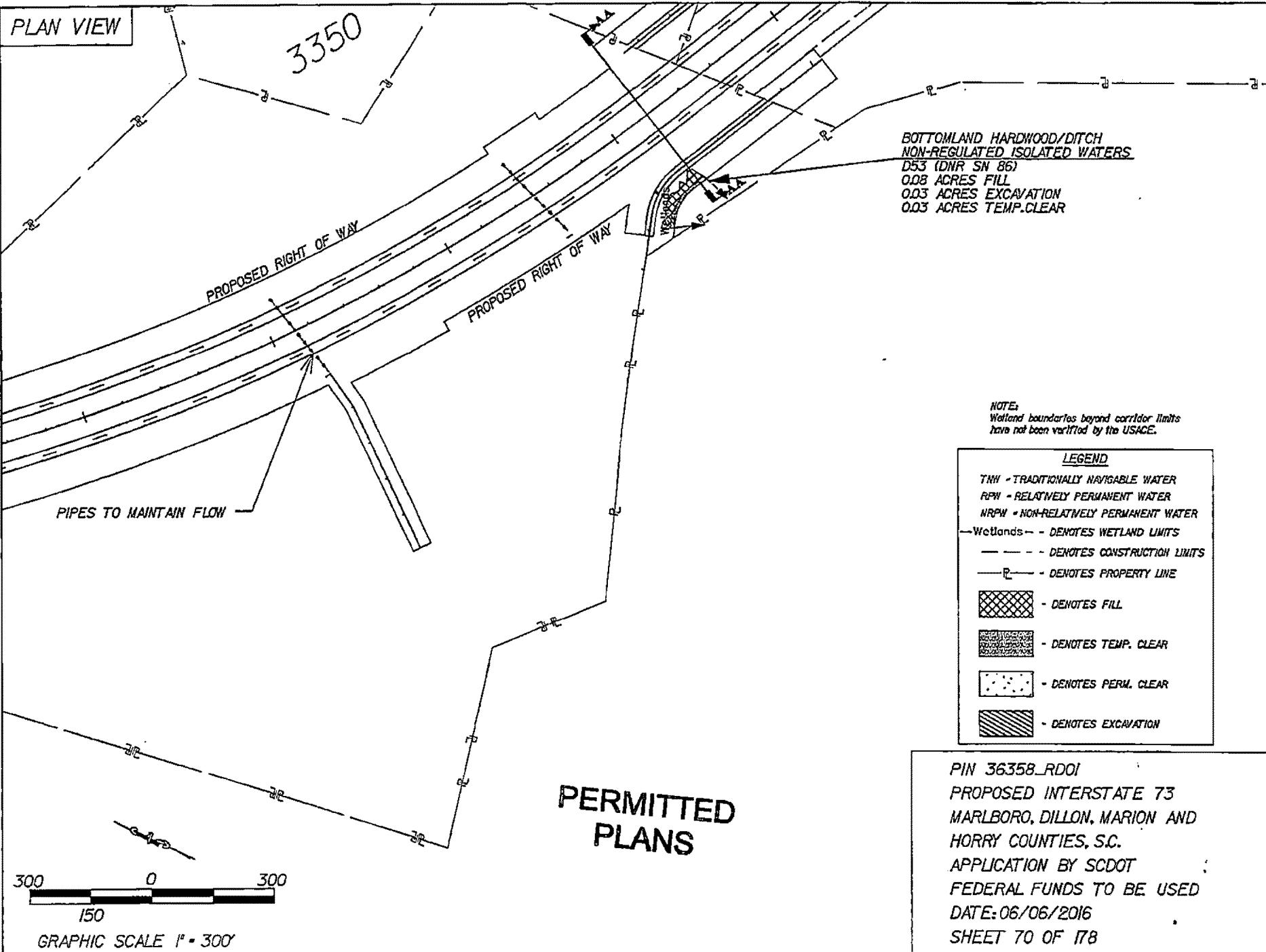
SECTION Z-Z

PERMITTED  
PLANS



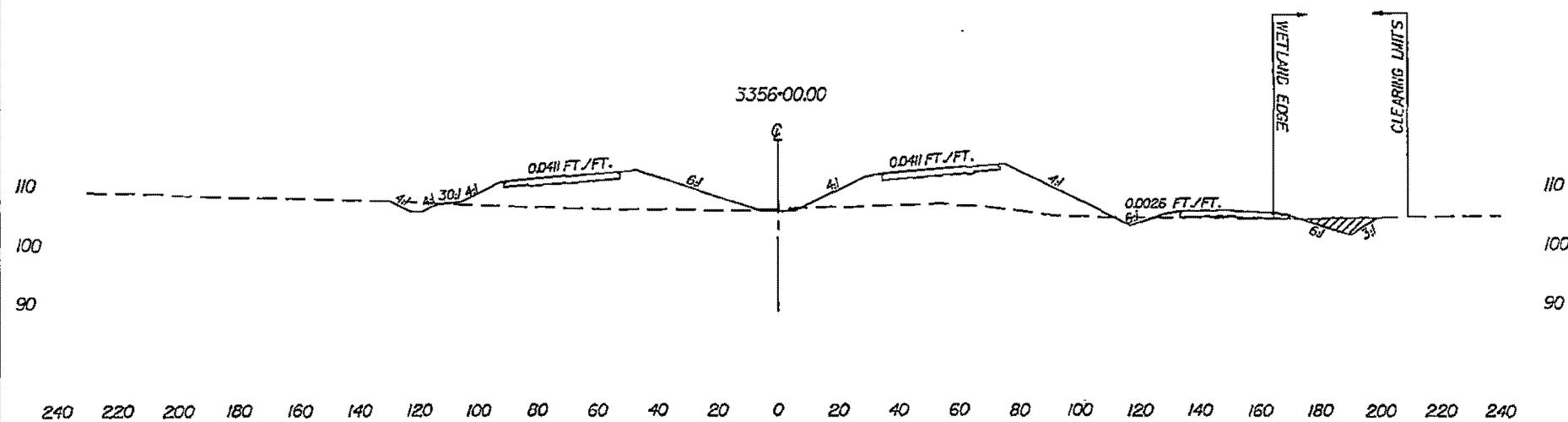
GRAPHIC SCALE 1" - 50' HORIZ.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 69 OF 178



CROSS SECTION

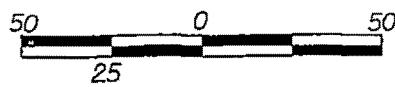
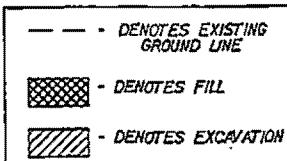
NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



I-73

SECTION AA-AA

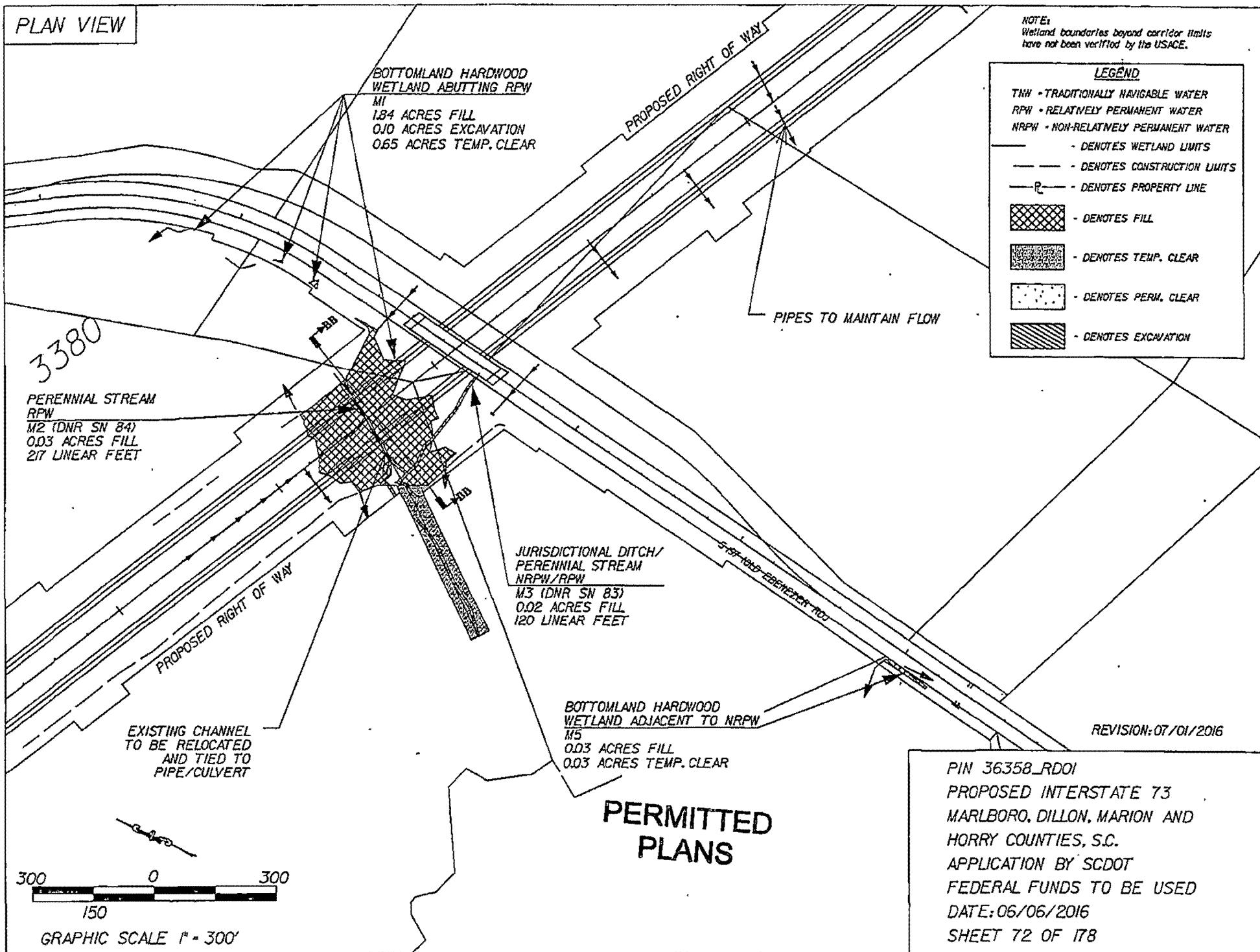
PERMITTED  
PLANS



GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 71 OF 178

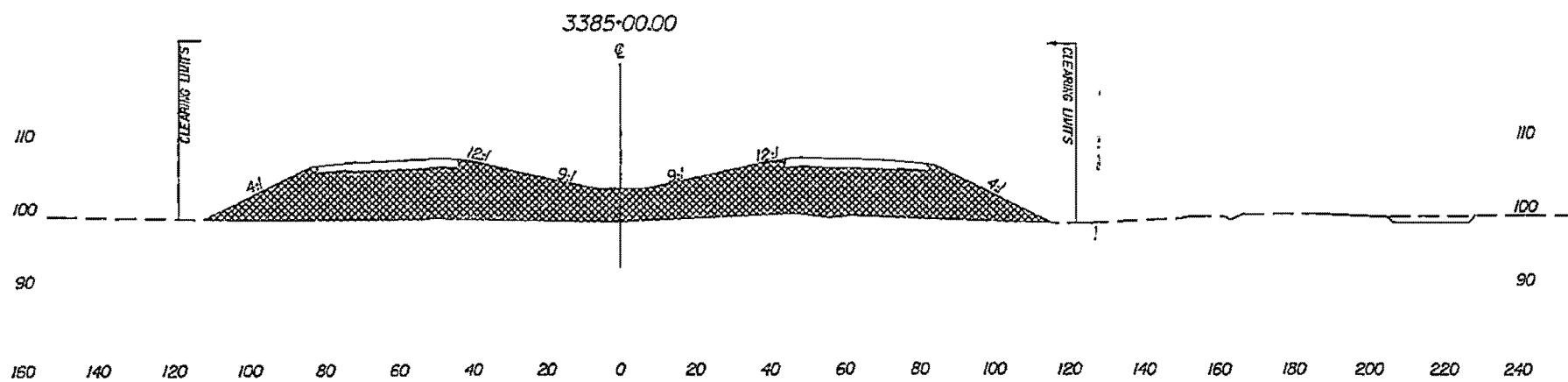
PLAN VIEW



PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 72 OF 178

CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR UNITS



— — - DENOTES EXISTING GROUND LINE

[shaded box] - DENOTES FILL

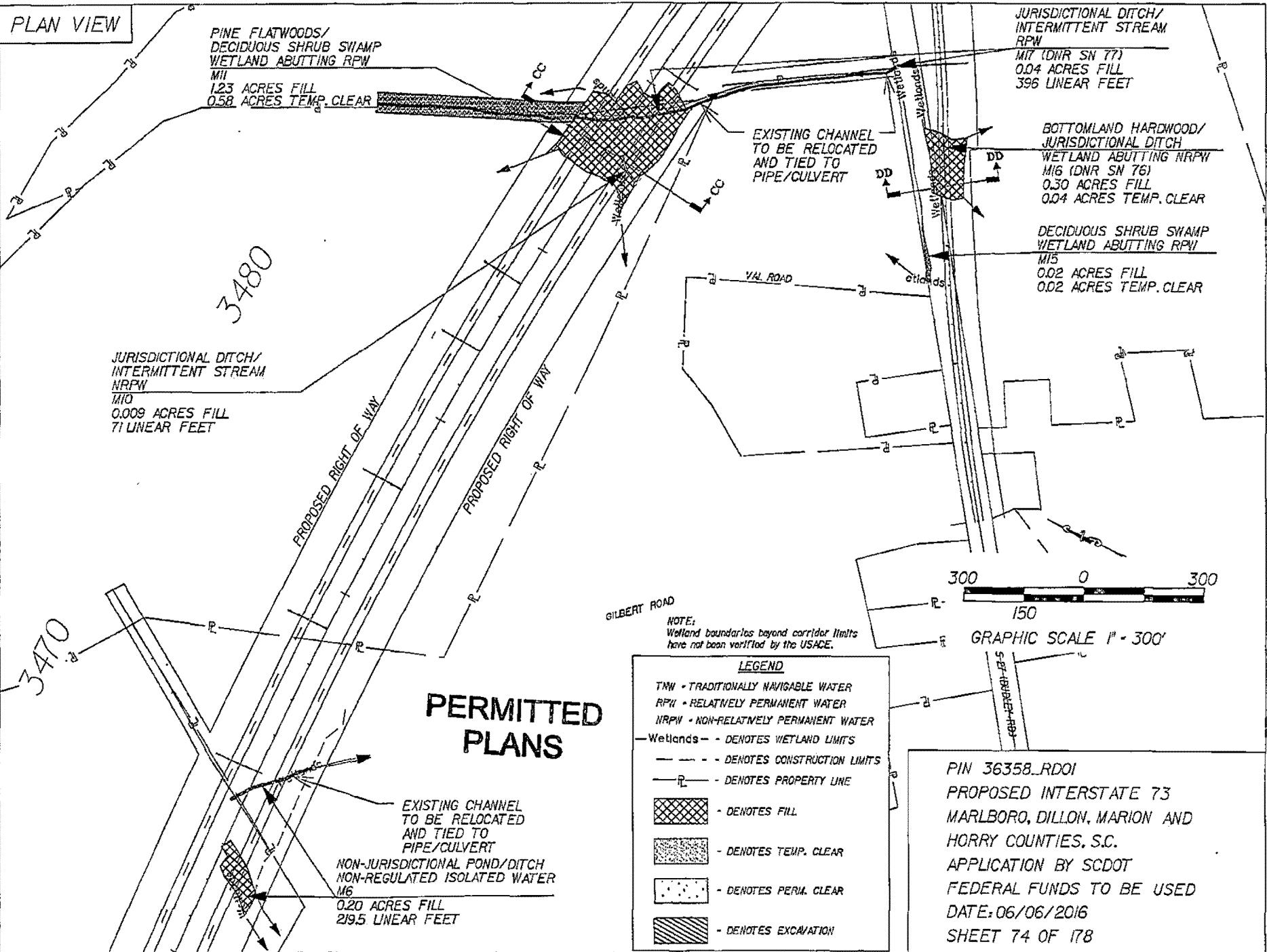
50 0 50

75 25 25 75

GRAPHIC SCALE 1 = 62.5' HORIZ.

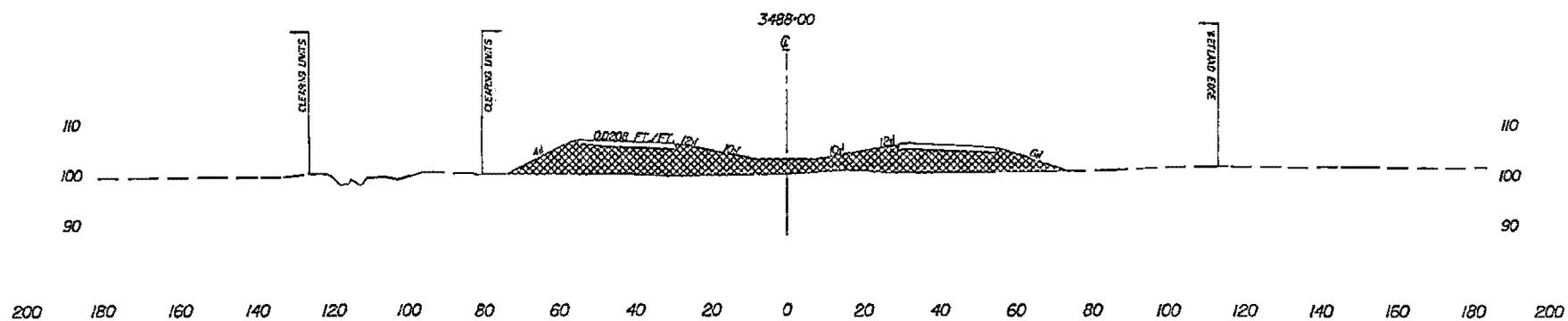
## PERMITTED PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 73 OF 178



CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR UNITS



SECTION CC-CC

— - - DENOTES EXISTING GROUND LINE  
■ - DENOTES FILL

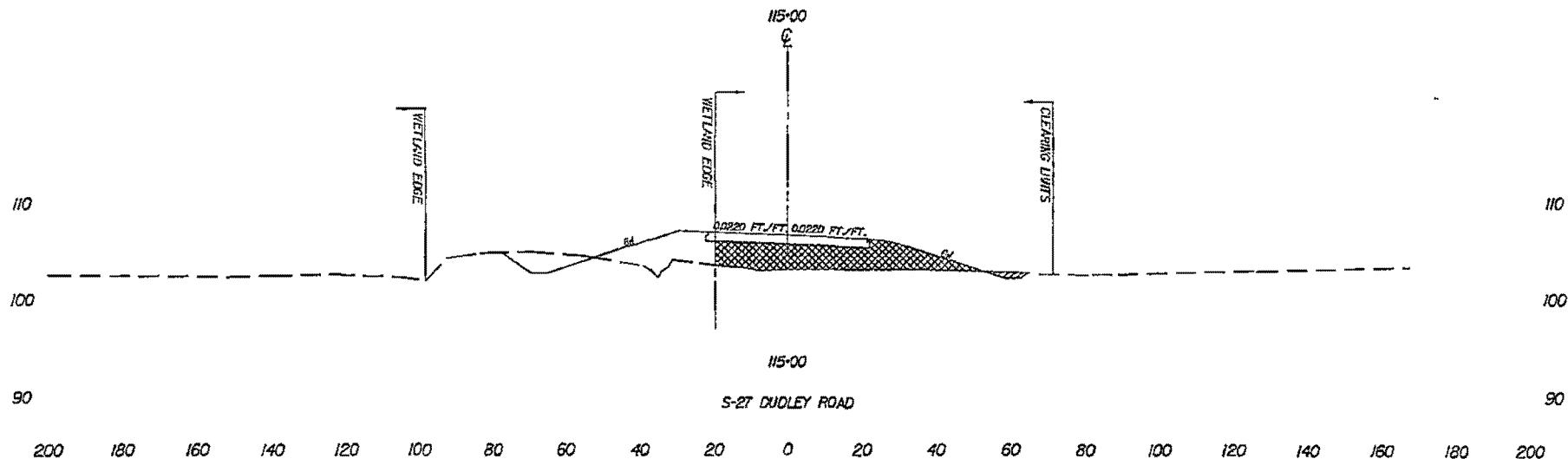
50 0 50  
75 25 25 75  
GRAPHIC SCALE 1" = 62.5' HORIZ.

PERMITTED PLANS

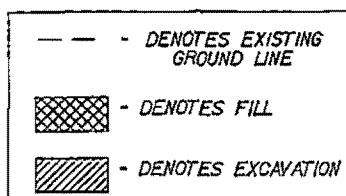
PIN 36358-RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 75 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION DD-DD



50 0 50  
75 25 25 75  
GRAPHIC SCALE 1" - 62.5' HORIZ.

PERMITTED PLANS

PIN 36358-RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 76 OF 178

PLAN VIEW

300 0 300  
150  
GRAPHIC SCALE 1" = 300'

AGRICULTURAL POND  
NON-REGULATED SURFACE WATER  
M13  
0.06 ACRES FILL

CLEARCUT WET PINE FLATWOOD  
NON-REGULATED ISOLATED WATER  
M19  
4.92 ACRES FILL  
0.25 ACRES EXCAVATION

3500

S-36 (DEER PATCH RD)

PIPE TO MAINTAIN FLOW

PROPOSED RIGHT OF WAY

3490

3520

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

PERMITTED  
PLANS

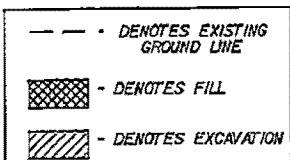
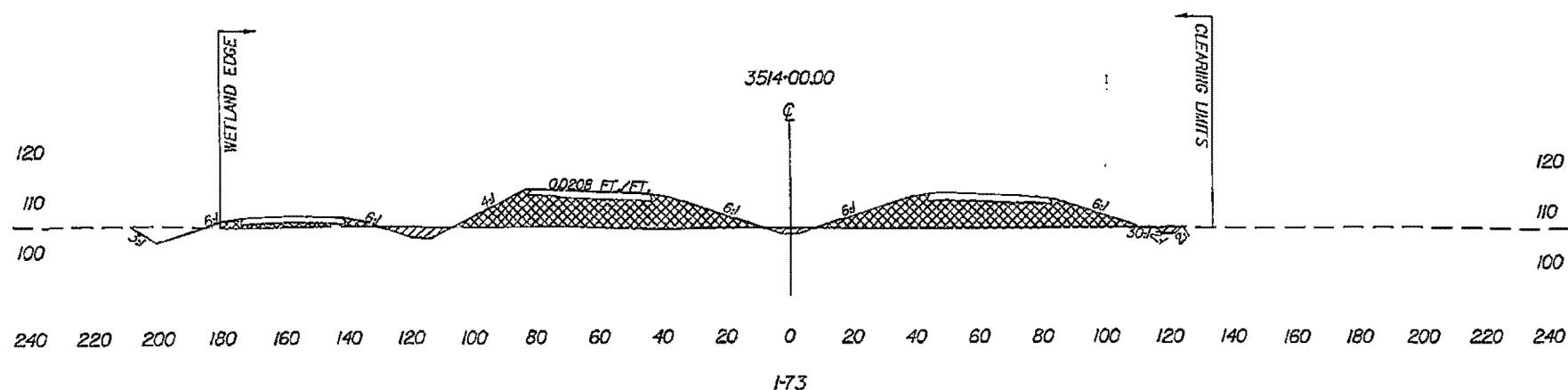
NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND	
THW	- TRADITIONALLY NAVIGABLE WATER
RPW	- RELATIVELY PERMANENT WATER
NRPW	- NON-RELATIVELY PERMANENT WATER
Wetlands	-- DENOTES WETLAND LIMITS
—	-- DENOTES CONSTRUCTION LIMITS
P	-- DENOTES PROPERTY LINE
[Hatched]	- DENOTES FILL
[Cross-hatched]	- DENOTES TEMP. CLEAR
[Dotted]	- DENOTES PERM. CLEAR
[Diagonal-hatched]	- DENOTES EXCAVATION

PIN 36358\_RDO1  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 77 OF 178

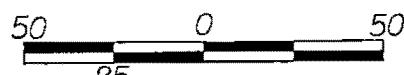
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION EE-EE

PERMITTED  
PLANS



GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 78 OF 178

PLAN VIEW

300 0 300  
150  
GRAPHIC SCALE 1" = 300'

BOTTOMLAND HARDWOOD WETLAND ADJACENT TO NRPW  
M25 (DNR SN 72)  
0.02 ACRES FILL  
0.01 ACRES EXCAVATION  
0.01 ACRES TEMP. CLEAR

BOTTOMLAND HARDWOOD/ DECIDUOUS SHRUB SWAMP WETLAND ABUTTING RPW  
M23 (DNR SN 73)  
0.55 ACRES FILL  
0.03 ACRES EXCAVATION  
0.52 ACRES TEMP. CLEAR

PIPES TO MAINTAIN FLOW

3580

3590

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

BOTTOMLAND HARDWOOD/ DECIDUOUS SHRUB SWAMP WETLAND ABUTTING RPW  
M24 (DNR SN 73)  
0.6 ACRES FILL  
0.02 ACRES EXCAVATION  
0.02 ACRES TEMP. CLEAR

*NOTE:*  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND

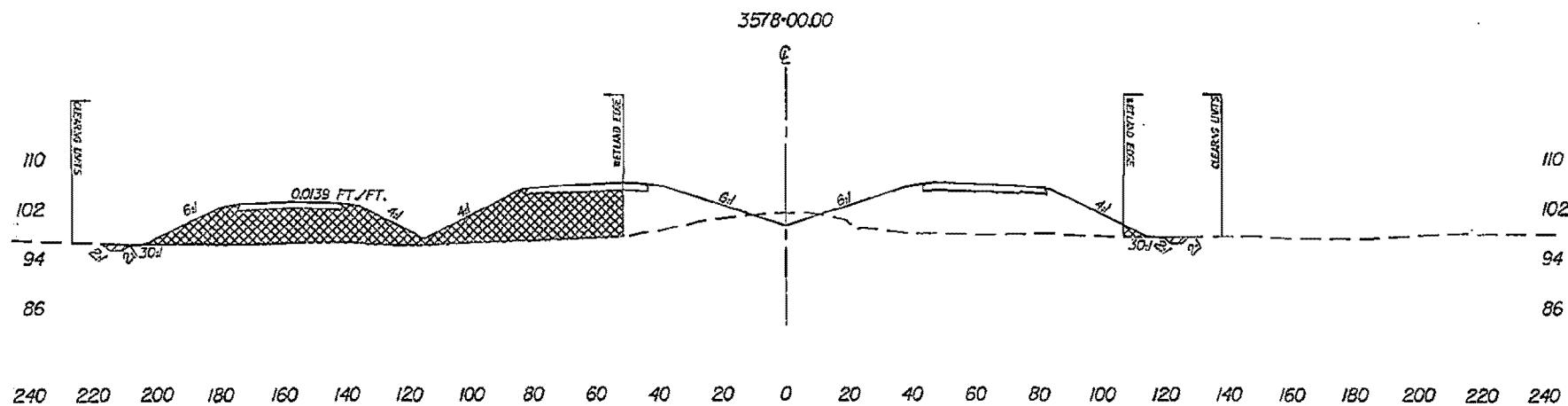
- TW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - - DENOTES WETLAND LIMITS
- - - CONSTRUCTION LIMITS
- P - - DENOTES PROPERTY LINE
- - - DENOTES FILL
- - - DENOTES TEMP. CLEAR
- - - DENOTES PERM. CLEAR
- - - DENOTES EXCAVATION

PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 79 OF 178

CROSS SECTION

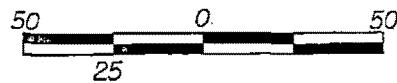
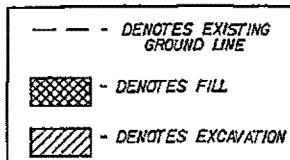
NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



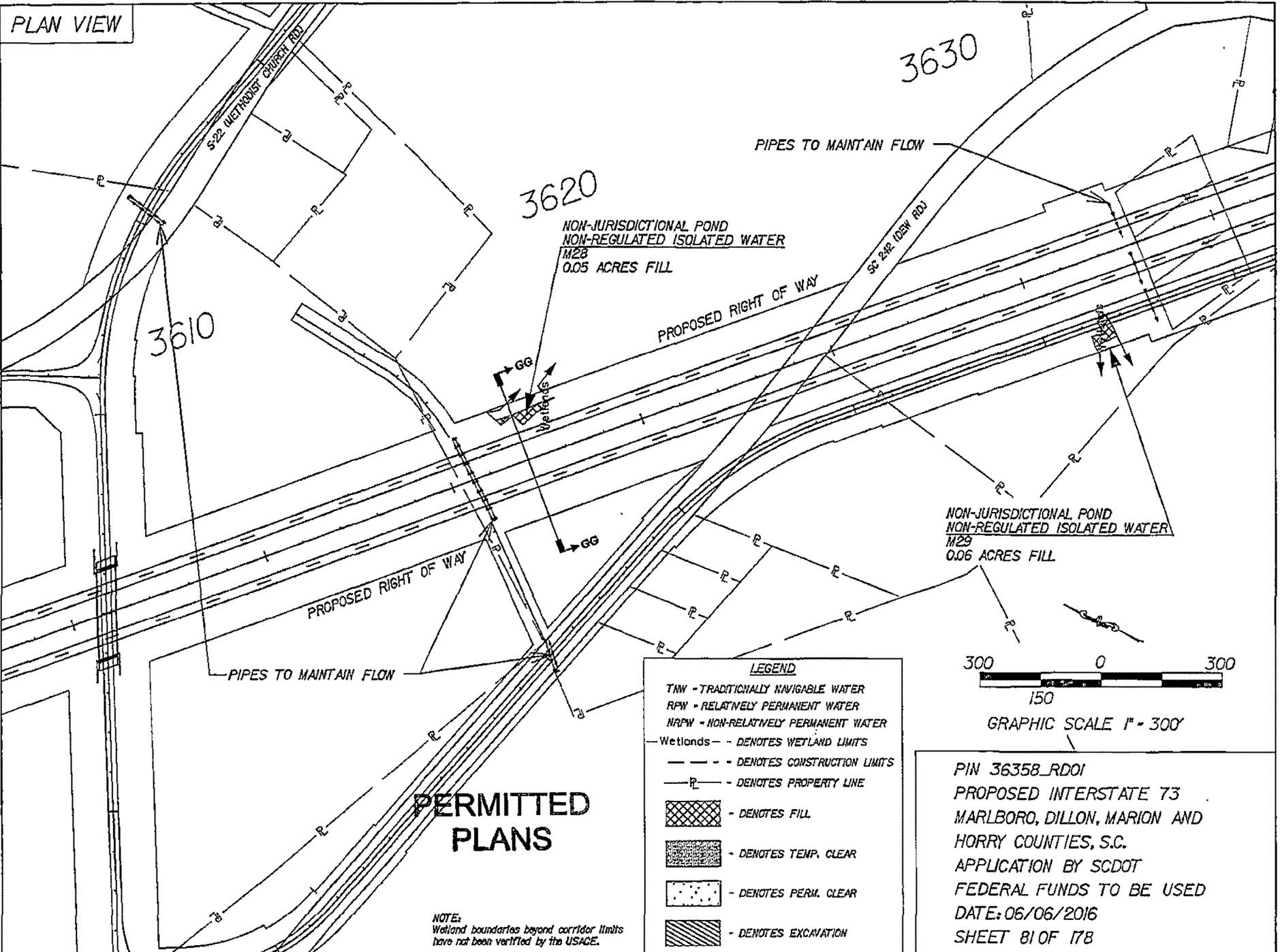
I-73

SECTION FF-FF

**PERMITTED  
PLANS**



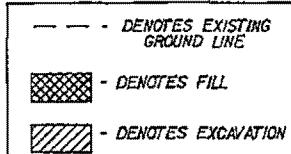
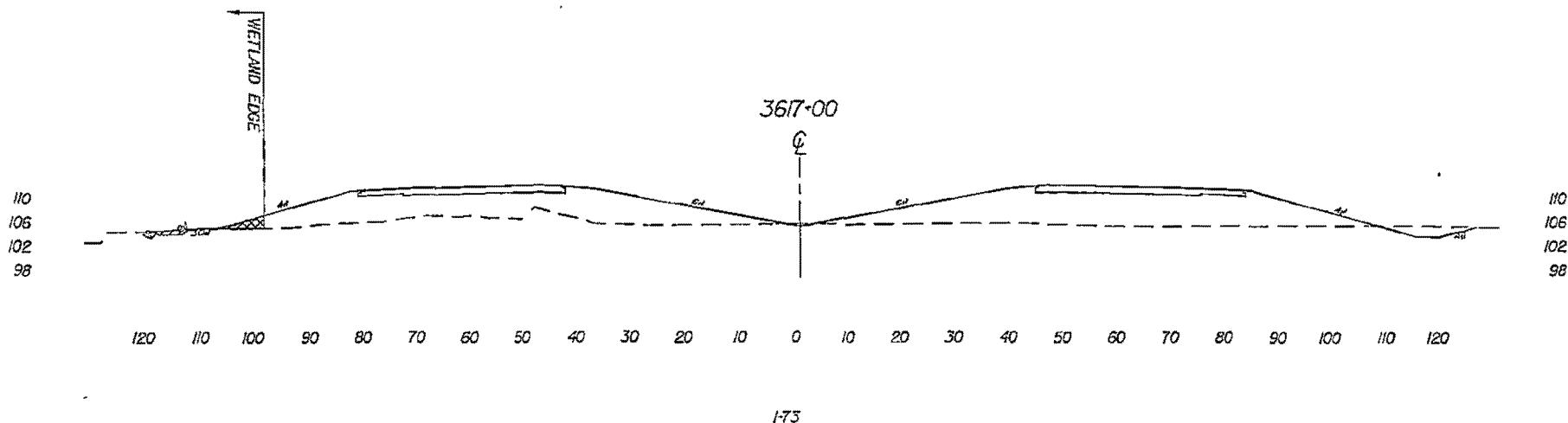
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 80 OF 178



CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS

NO CLEARING, WETLAND IS A POND



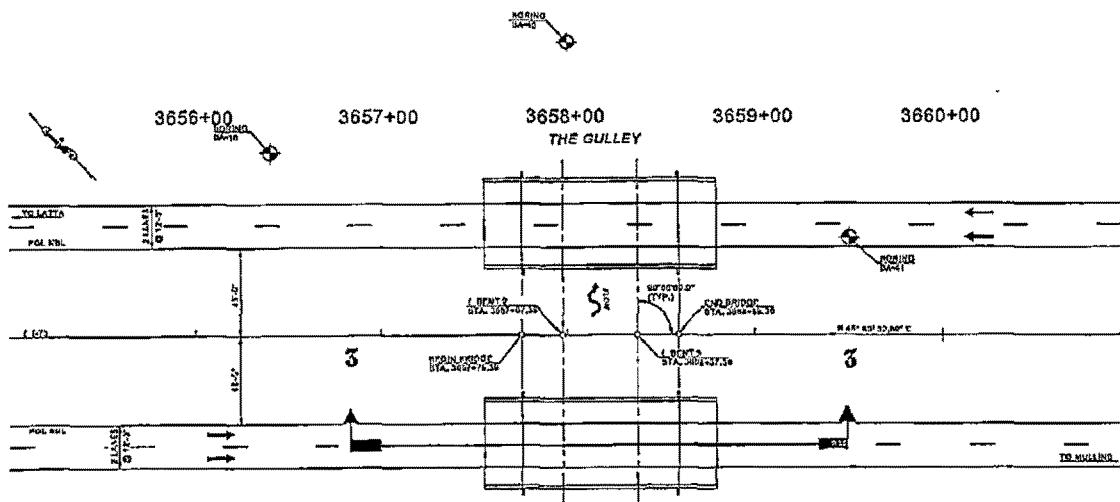
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

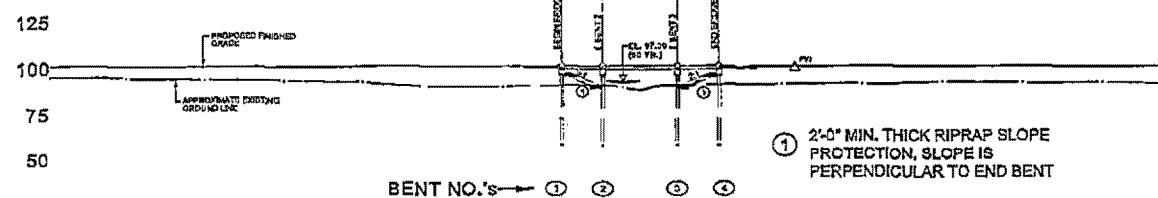
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 82 OF 178



**PLAN & PROFILE VIEW**



**PLAN**



3656+00      3657+00      3658+00      3659+00      3660+00

**PROFILE**

3 - 3

**PERMITTED  
PLANS**

**HYDROLOGY DATA**

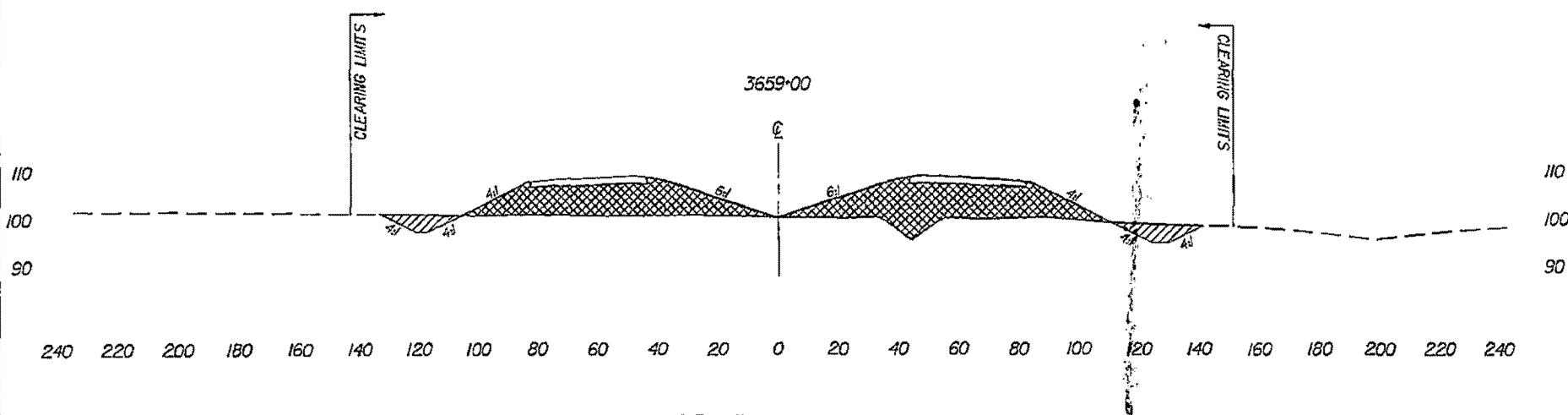
$D_A = 2.38 \text{ SD. MI}$   
 $Q_{50} = 435 \text{ CFS}$   
 AREA FURNISHED UNDER EL. 97.41 = 234.0 S.F.  
 $V_{50} = 1.3 \text{ FT/SEC.}$   
 $Q_{100} = 539 \text{ CFS}$   
 AREA FURNISHED UNDER EL. 97.70 = 257.0 S.F.  
 $V_{100} = 1.5 \text{ FT/SEC.}$   
 $\text{BACKWATER} = 0.63'$

**OVERTOPPING FLOOD**  
 $Q > 835 \text{ CFS (500-YR. DISCHARGE)}$   
 PROBABILITY < 0.02

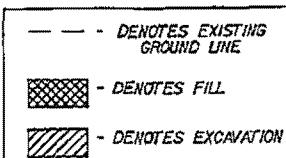
**PIN 36358\_RDO**  
**PROPOSED INTERSTATE 73**  
**MARLBORO, DILLON, MARION AND**  
**HORRY COUNTIES, S.C.**  
**APPLICATION BY SC DOT**  
**FEDERAL FUNDS TO BE USED**  
**DATE: 06/06/2016**  
**SHEET 83A OF 178**

CROSS SECTION

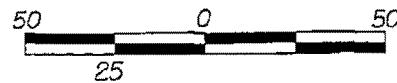
NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION HH-HH

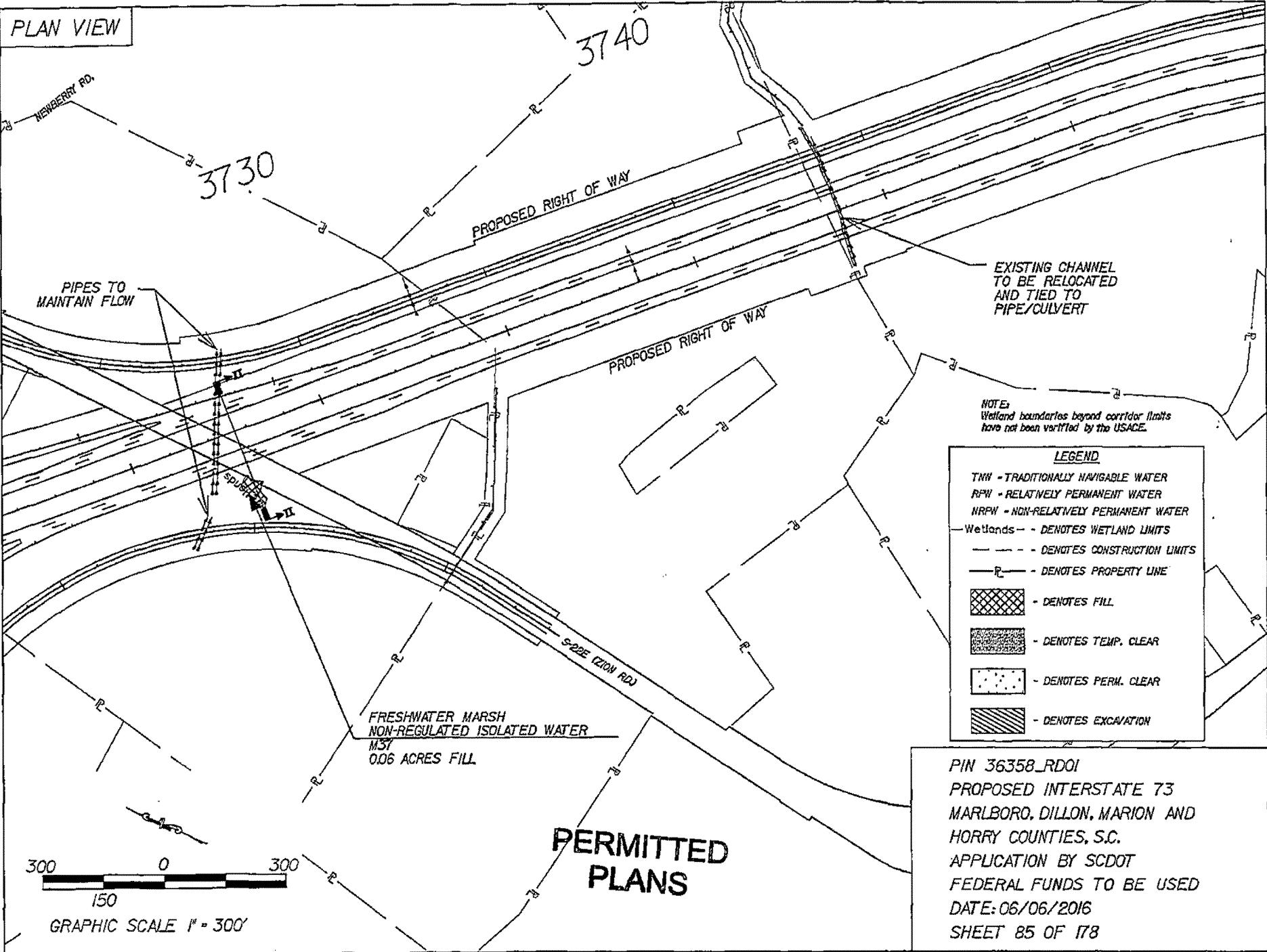


**PERMITTED  
PLANS**



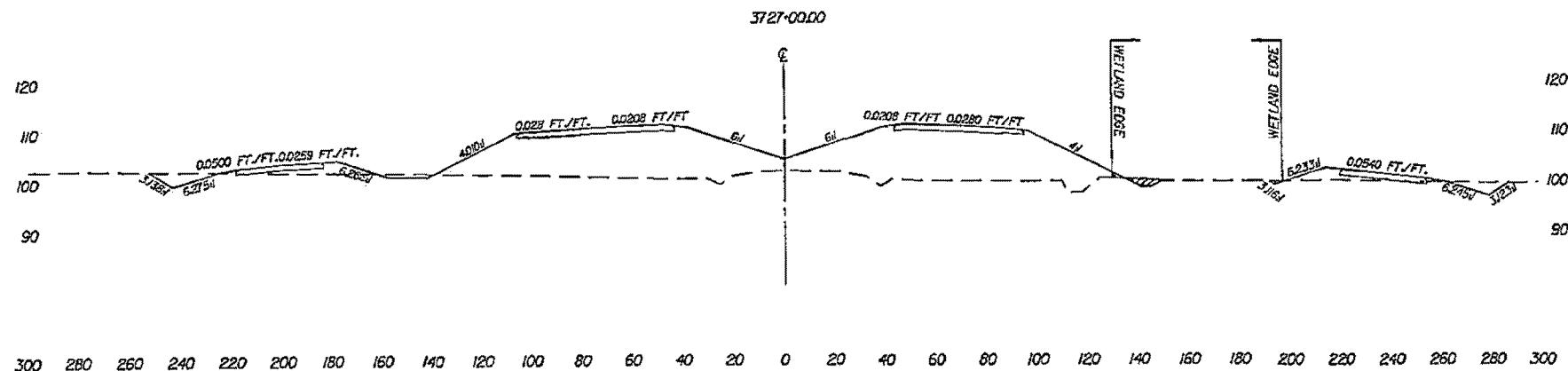
GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED.  
DATE: 06/06/2016  
SHEET 84 OF 178

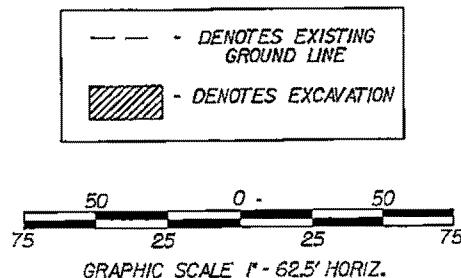


CROSS SECTION

NO CLEARING, WETLAND IS A MARSH



SECTION II-II



PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 86 OF 178

PLAN VIEW

3800

TYROLA RD.

BOTTOMLAND HARDWOOD  
NON-REGULATED ISOLATED WATER  
M40  
0.77 ACRES FILL

BOTTOMLAND HARDWOOD  
WETLAND ADJACENT TO NRPW  
M43  
0.32 ACRES TEMP. CLEAR

3810

3820

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

PIPES TO MAINTAIN FLOW

JURISDICTIONAL DITCH  
M42 (DNR SN 55)  
0.02 ACRES FILL

## PERMITTED PLANS

300 0 300  
150

GRAPHIC SCALE 1" = 300'

### LEGEND

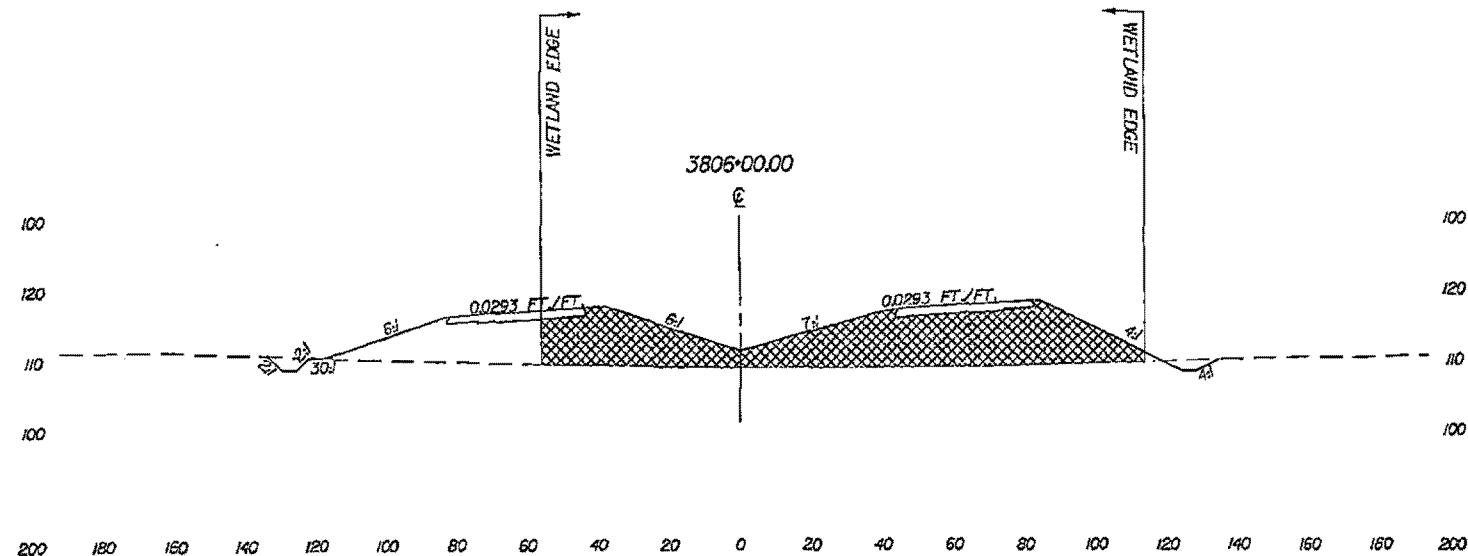
- TNW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - - DENOTES WETLAND UNITS
- - - DENOTES CONSTRUCTION LIMITS
- R — DENOTES PROPERTY LINE
- [Hatched Box] - DENOTES FILL
- [Cross-hatched Box] - DENOTES TEMP. CLEAR
- [Dotted Box] - DENOTES PERM. CLEAR
- [Diagonal-hatched Box] - DENOTES EXCAVATION

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

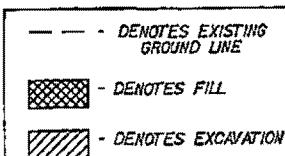
REVISED: 07/01/2016

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOIT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 87 OF 178

CROSS SECTION



SECTION JJ-JJ

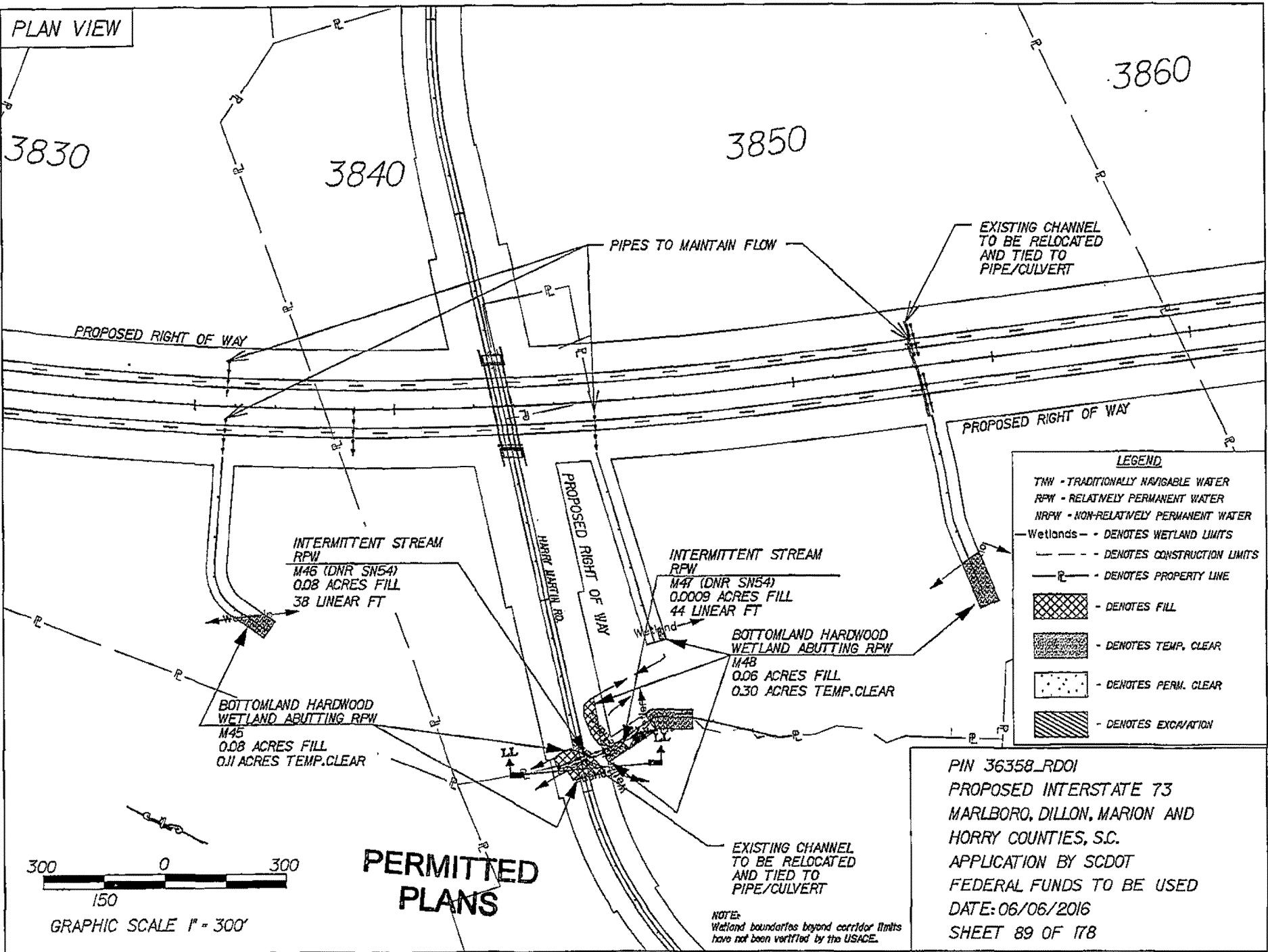


50 0 50  
25

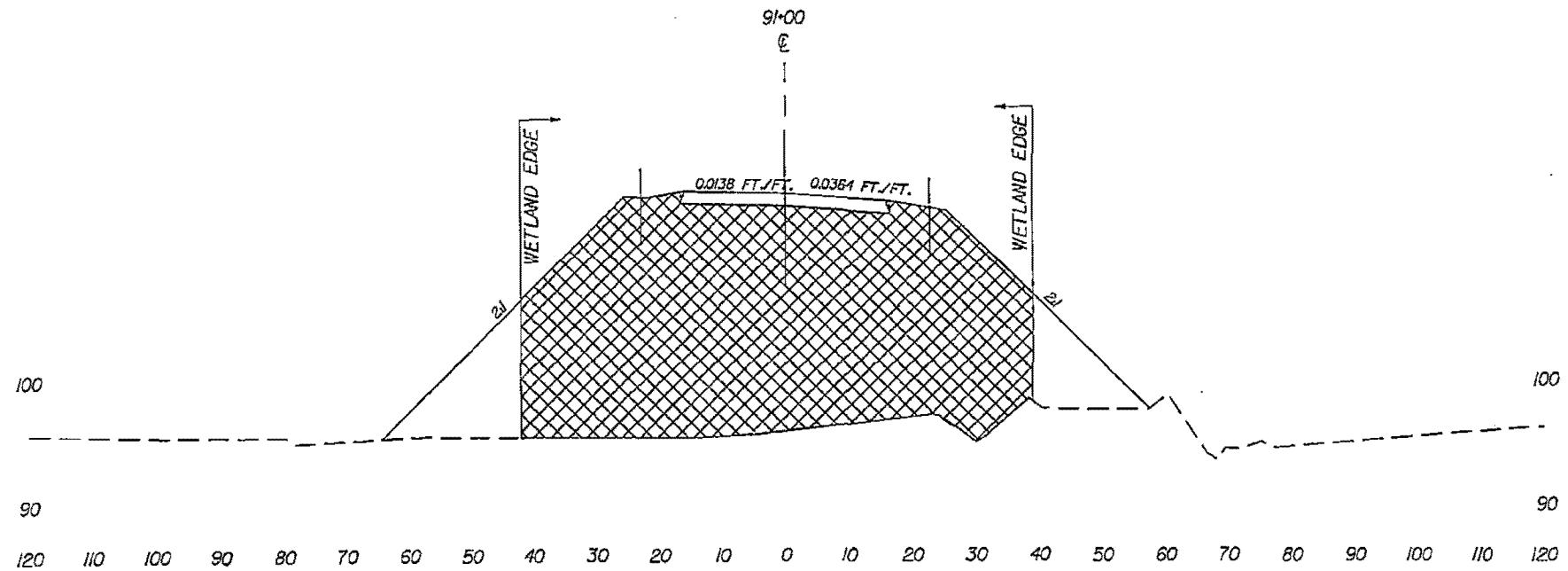
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 88 OF 178



## CROSS SECTION



SECTION LL-LI

— — - DENOTES EXISTING GROUND LINE  
 - DENOTES FILL

A horizontal scale with tick marks at 0, 25, and 12.5.

GRAPHIC SCALE 1" = 25' HORIZ.

## **PERMITTED PLANS**

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 90 OF 178

PLAN VIEW

3870

3880

3890

125

PERENNIAL STREAM  
RPW  
M52 (DNR SN 53)  
0.02 ACRES FILL  
922 LINEAR FEET

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

PIPS TO MAINTAIN FLOW

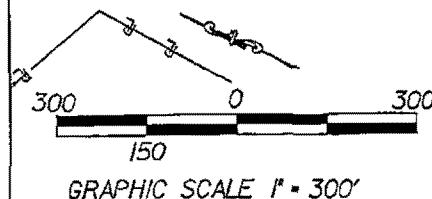
PROPOSED RIGHT OF WAY

PIPS TO MAINTAIN FLOW

BOTTOMLAND HARDWOOD  
WETLAND ABUTTING RPW  
M54  
1.57 ACRES FILL  
0.69 ACRES TEMP. CLEAR

DERRICK RD/S-558

## PERMITTED PLANS



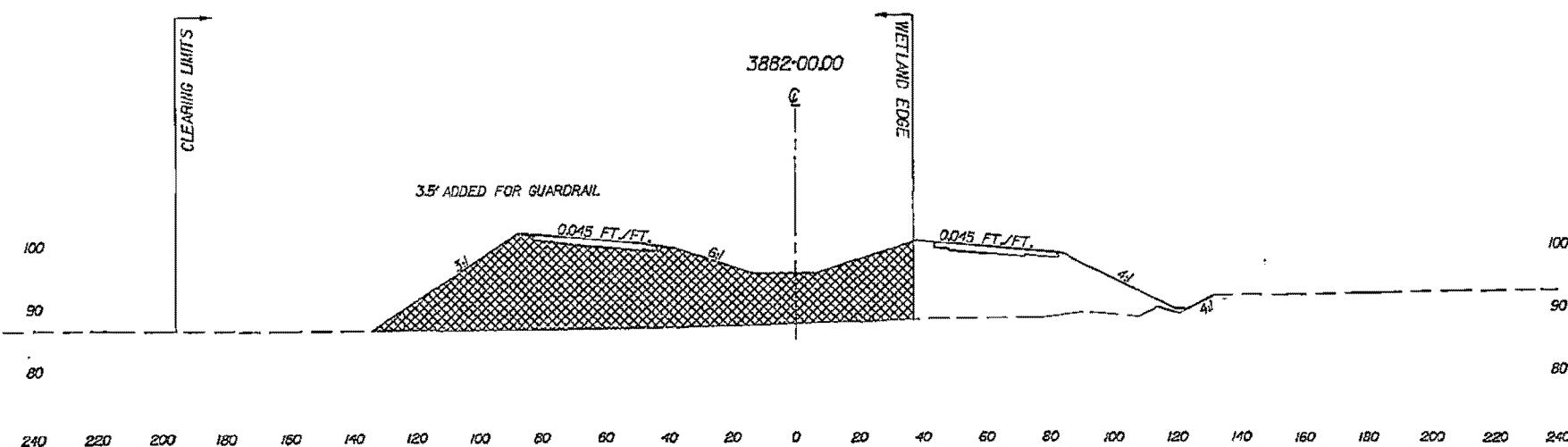
LEGEND	
TNW	- TRADITIONALLY NAVIGABLE WATER
RPW	- RELATIVELY PERMANENT WATER
NRPW	- NON-RELATIVELY PERMANENT WATER
- - -	- DENOTES WETLAND LIMITS
—	- DENOTES CONSTRUCTION LIMITS
—	- DENOTES PROPERTY LINE
[Hatched]	- DENOTES FILL
[Cross-hatched]	- DENOTES TEMP. CLEAR
[Dotted]	- DENOTES PERM. CLEAR
[Diagonal-hatched]	- DENOTES EXCAVATION

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

PIN 36358-RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 91 OF 178

## CROSS SECTION

**NOTE:**  
**WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS**



SECTION MM-MM

— — — DENOTES EXISTING GROUND LINE

[Hatched Box] - DENOTES FILL

**GRAPHIC SCALE 1" = 50' HORIZ.**

## **PERMITTED PLANS**

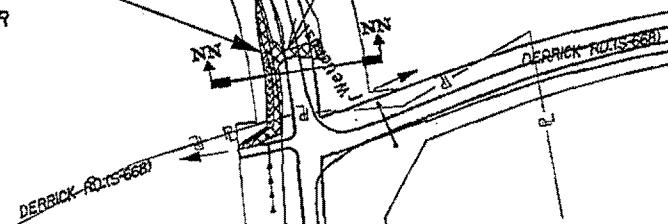
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 92 OF 178

PLAN VIEW

## PERMITTED PLANS

BOTTOMLAND HARDWOOD  
WETLAND ABUTTING RPW  
M53 (DNR SN 52)  
0.14 ACRES FILL  
0.05 ACRES TEMP. CLEAR

300 0 300  
150  
GRAPHIC SCALE 1" = 300'



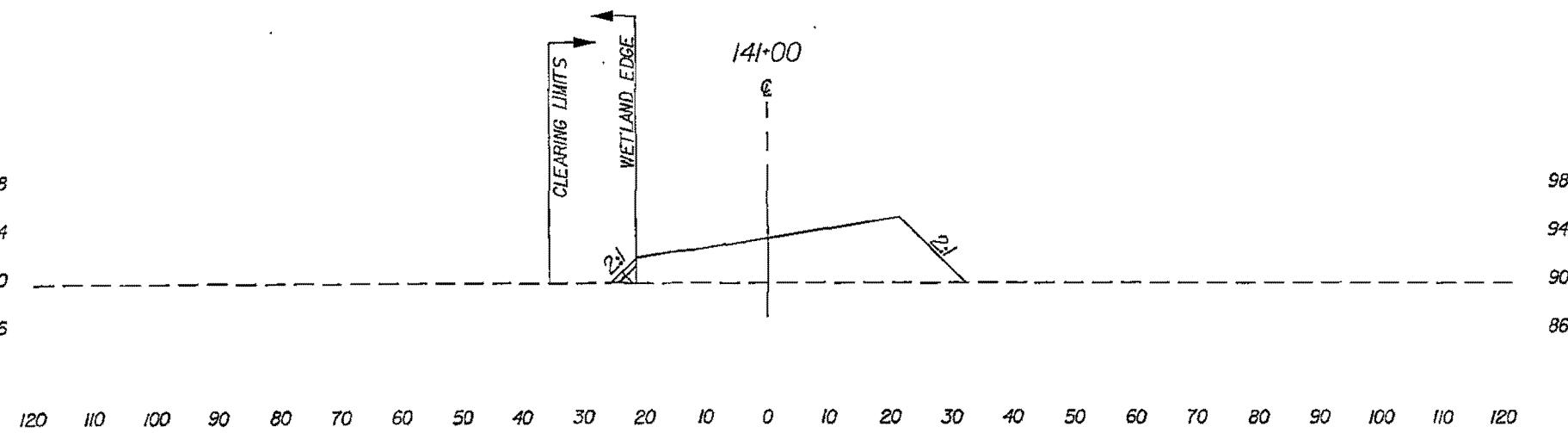
NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND	
THW - TRADITIONALLY NAVIGABLE WATER	
RPW - RELATIVELY PERMANENT WATER	
NRPW - NON-RELATIVELY PERMANENT WATER	
- Wetlands - - DENOTES WETLAND UNITS	
- - - DENOTES CONSTRUCTION UNITS	
- P - - DENOTES PROPERTY LINE	
[Hatched Box] - DENOTES FILL	
[Cross-hatched Box] - DENOTES TEMP. CLEAR	
[Dotted Box] - DENOTES PERM. CLEAR	
[Diagonal-hatched Box] - DENOTES EXCAVATION	

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 93 OF 178

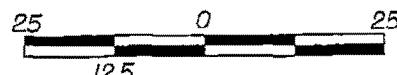
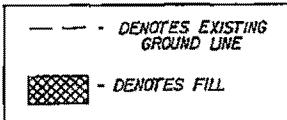
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



S-84

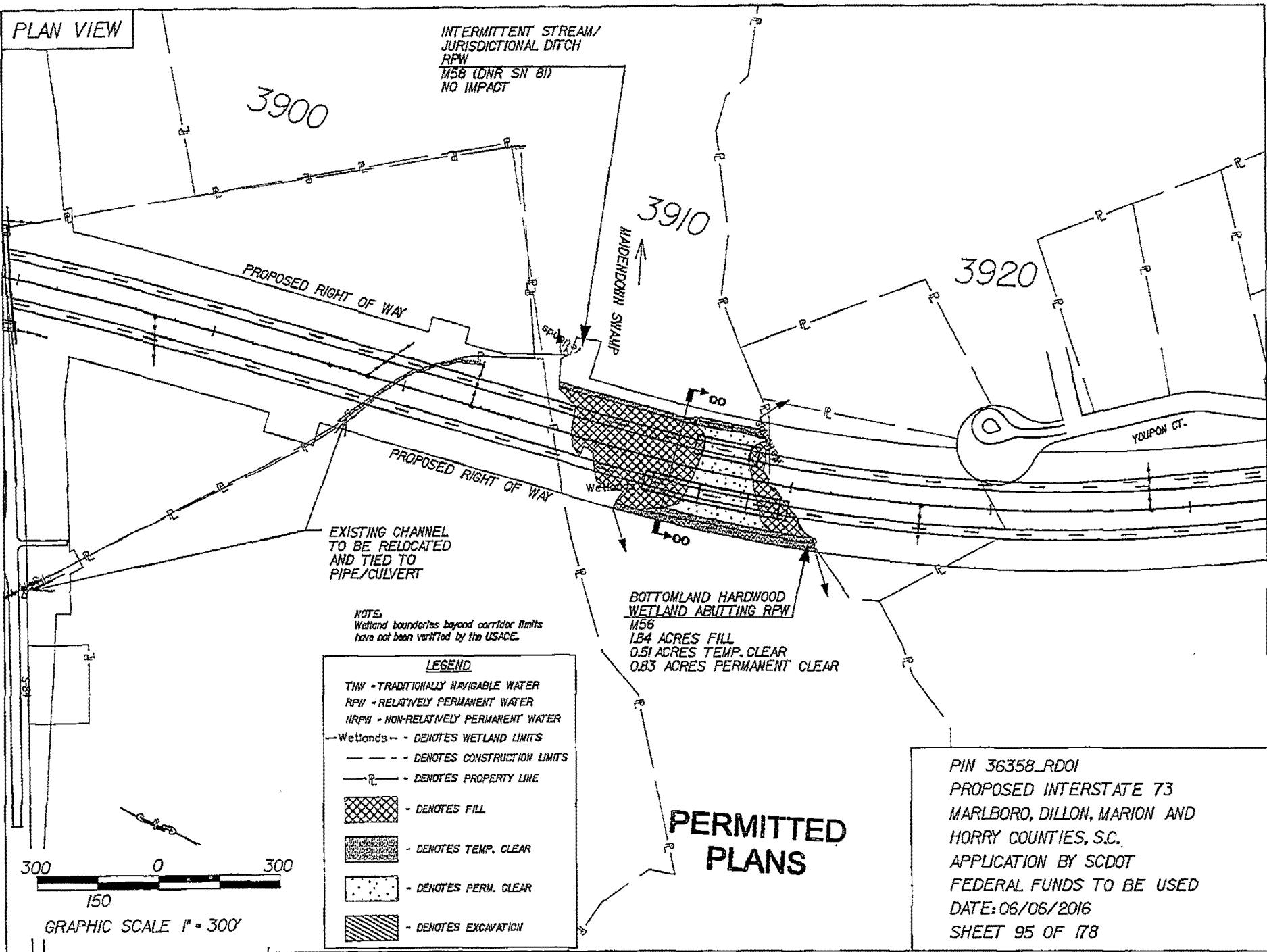
SECTION NN-NN



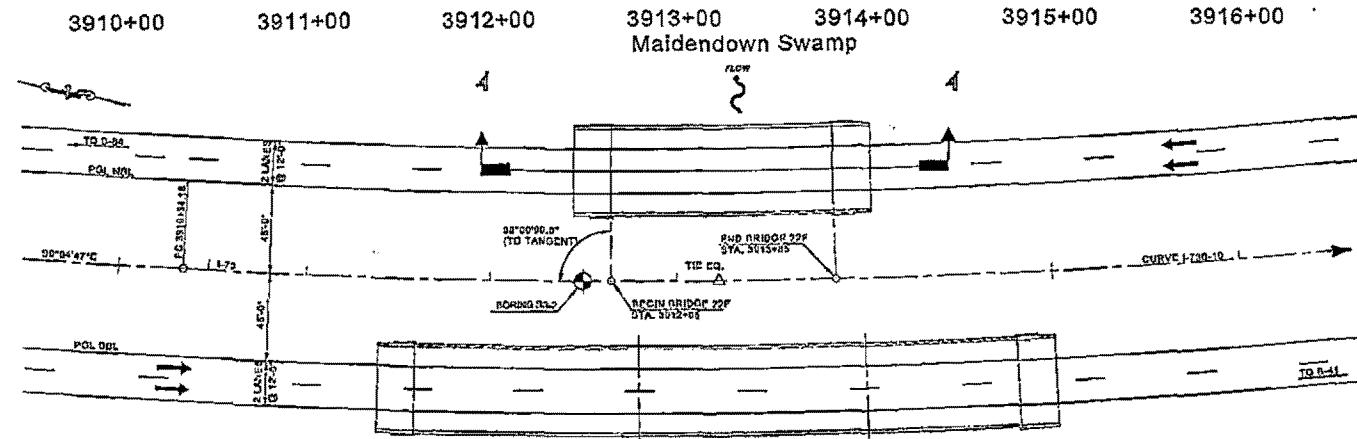
GRAPHIC SCALE 1" = 25' HORIZ.

**PERMITTED  
PLANS**

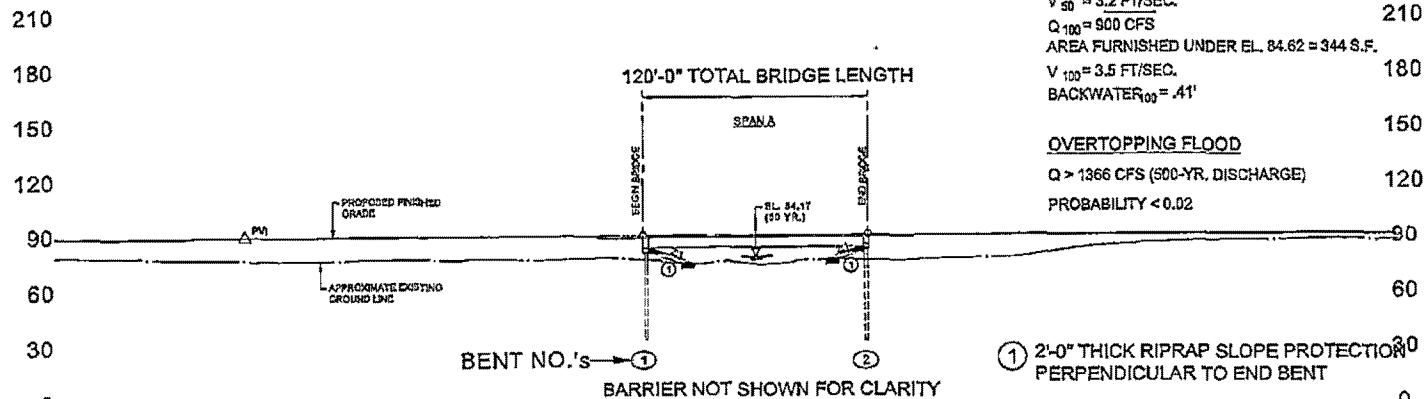
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 94 OF 178



**PLAN & PROFILE VIEW**



**PLAN**



**PROFILE**  
4 - 4

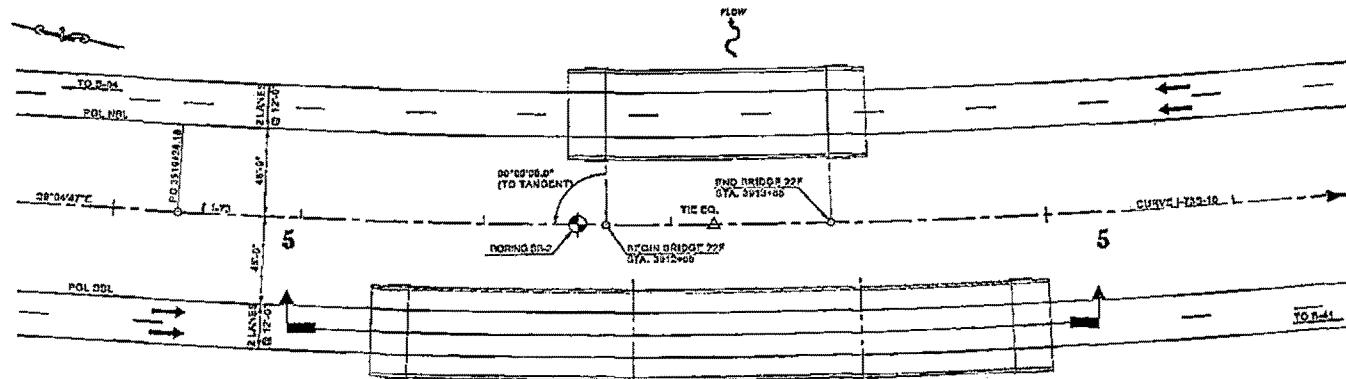
① 2'-0" THICK RIPRAP SLOPE PROTECTION  
PERPENDICULAR TO END BENT

**PERMITTED  
PLANS**

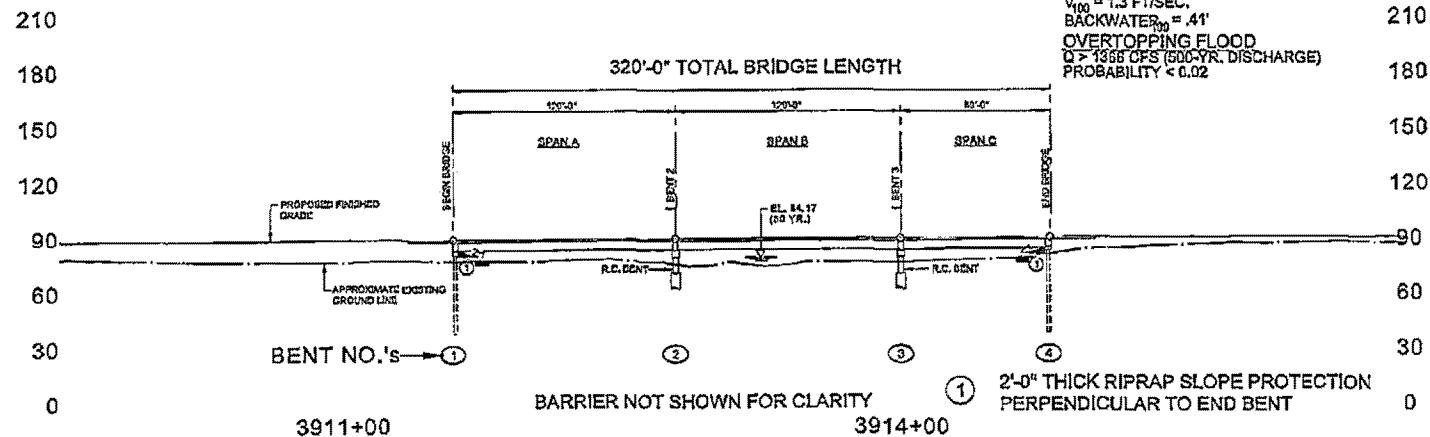
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 95A OF 178

**PLAN & PROFILE VIEW**

3910+00      3911+00      3912+00      3913+00      3914+00      3915+00      3916+00



**PLAN**



**PROFILE**

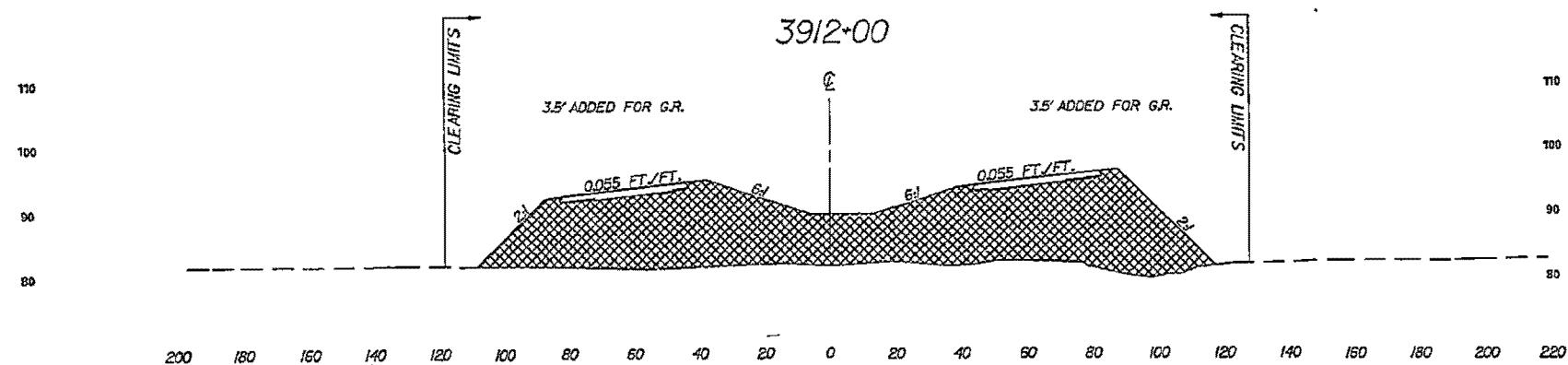
5 - 5

**PERMITTED  
PLANS**

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 958 OF 178

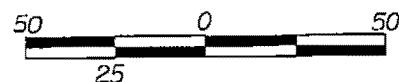
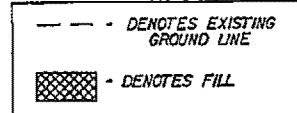
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION 00-00

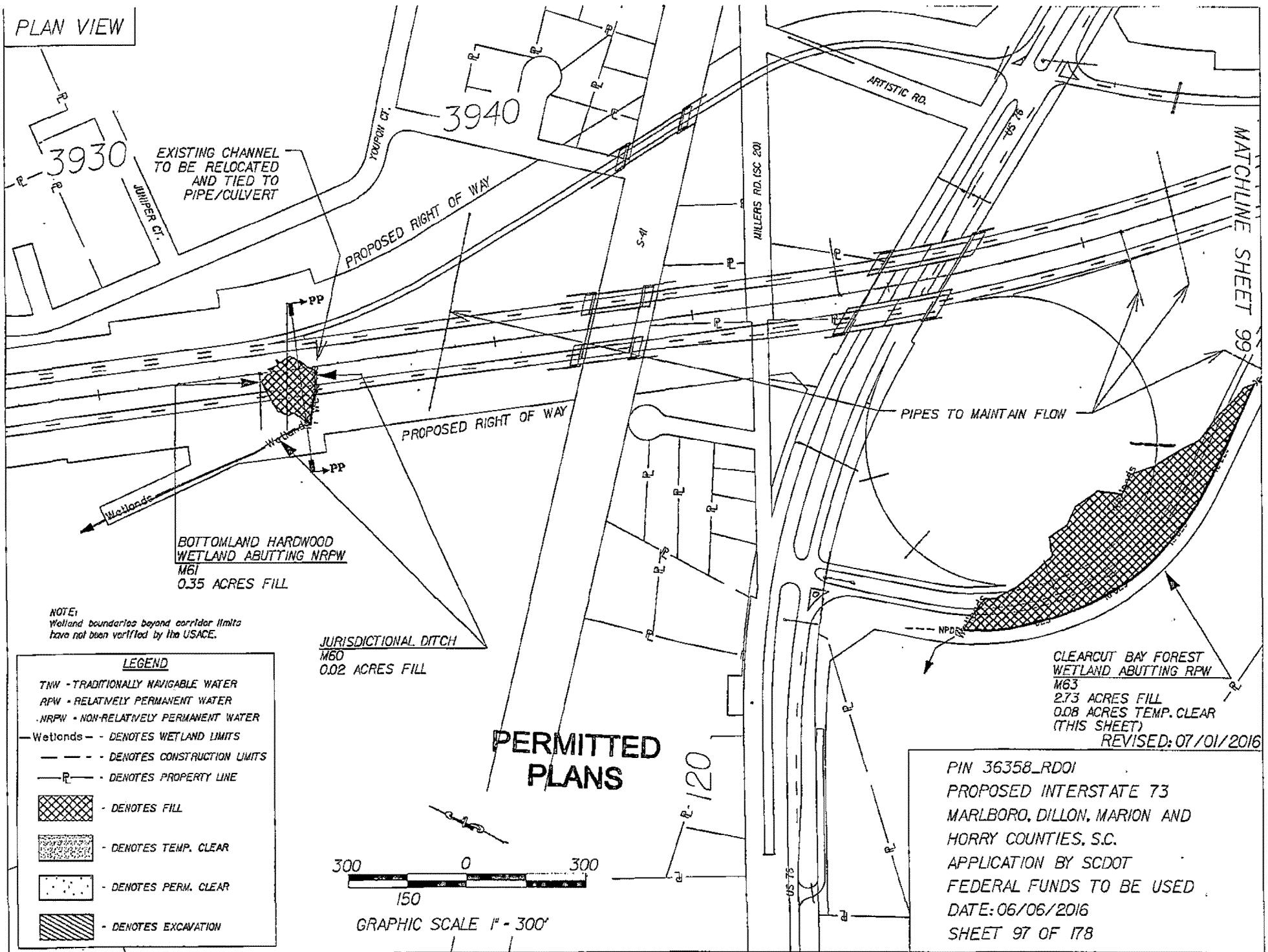
PERMITTED  
PLANS



GRAPHIC SCALE 1" - 50' HORZ.

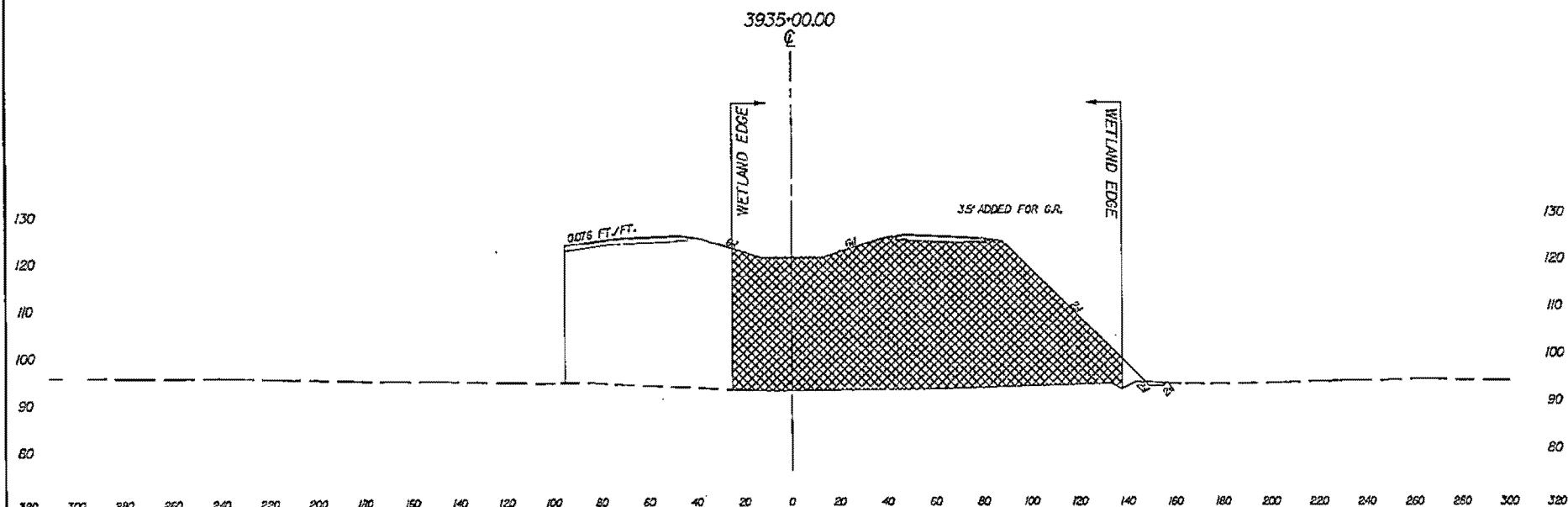
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 96 OF 178

PLAN VIEW



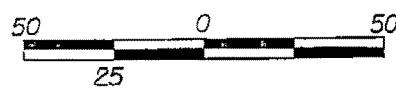
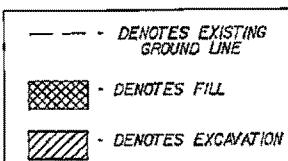
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



I-73

SECTION PP-PP



GRAPHIC SCALE 1" - 50' HORIZ.

**PERMITTED  
PLANS**

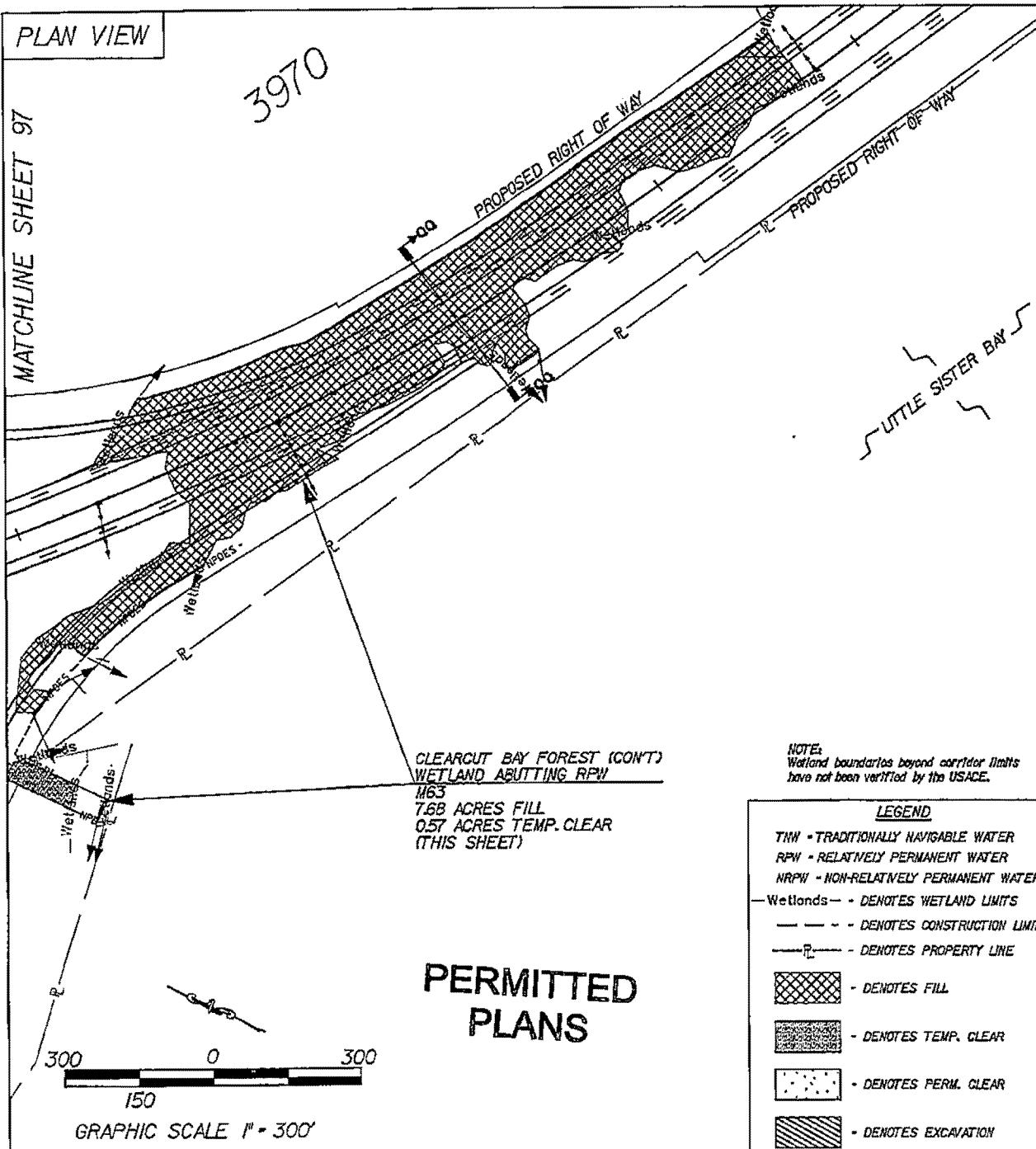
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 98 OF 178

*PLAN VIEW*

MATCHLINE SHEET 97

MATCHLINE SHEET 101

3910



## **PERMITTED PLANS**

GRAPHIC SCALE 1" = 300'

*NOTE:*  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

**LEGEND**

TNW = TRADITIONALLY NAVIGABLE WATER

**RPW = RELATIVELY PERMANENT WATER**

NPPW = NON-RELATIVELY PERMANENT WATER

#### **Wetlands—a DENOTES WETLAND USE**

**— — - DENDIES CONSTRUCTION**

— 1 —

- DENOTES FILL

- DENOTES TEMP. CLEAR

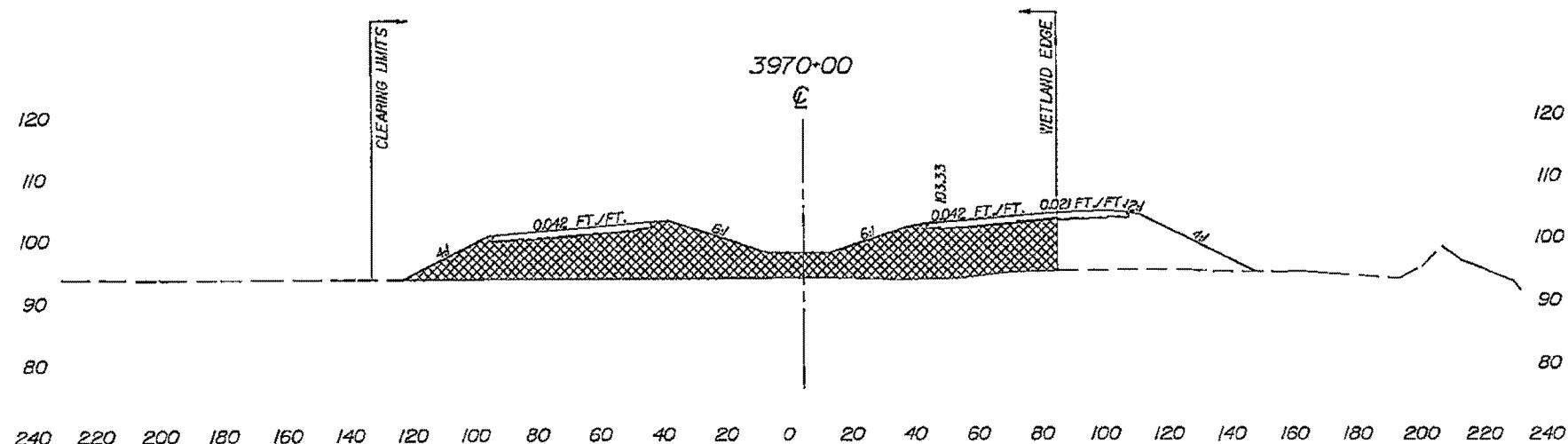
[View Details](#)

ANSWER TO THE QUESTIONS

PIN 36358\_RDO/  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 99 OF 178

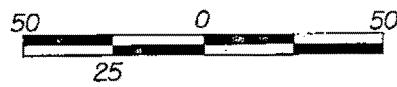
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION QQ-QQ

— — — DENOTES EXISTING  
GROUND LINE  
■ ■ ■ - DENOTES FILL

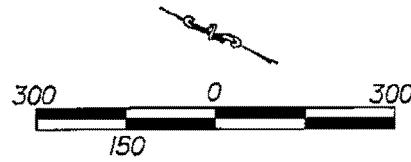


GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 100 OF 178

PLAN VIEW



4010

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND

TNW - TRADITIONALLY NAVIGABLE WATER
RPW - RELATIVELY PERMANENT WATER
NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - - DENOTES WETLAND LIMITS
— - - - DENOTES CONSTRUCTION LIMITS
— R — DENOTES PROPERTY LINE
[Hatched] - DENOTES FILL
[Cross-hatched] - DENOTES TEMP. CLEAR
[Dotted] - DENOTES PERM. CLEAR
[Diagonal hatching] - DENOTES EXCAVATION

CLEARCUT BAY FOREST/  
BAY FOREST  
WETLAND ABUTTING RPW  
M63  
13.20 ACRES FILL  
0.62 ACRES TEMP. CLEAR  
(THIS SHEET)

3990

**PERMITTED  
PLANS**

MATCHLINE SHEET 99

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 101 OF 178

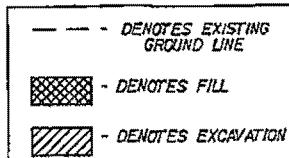
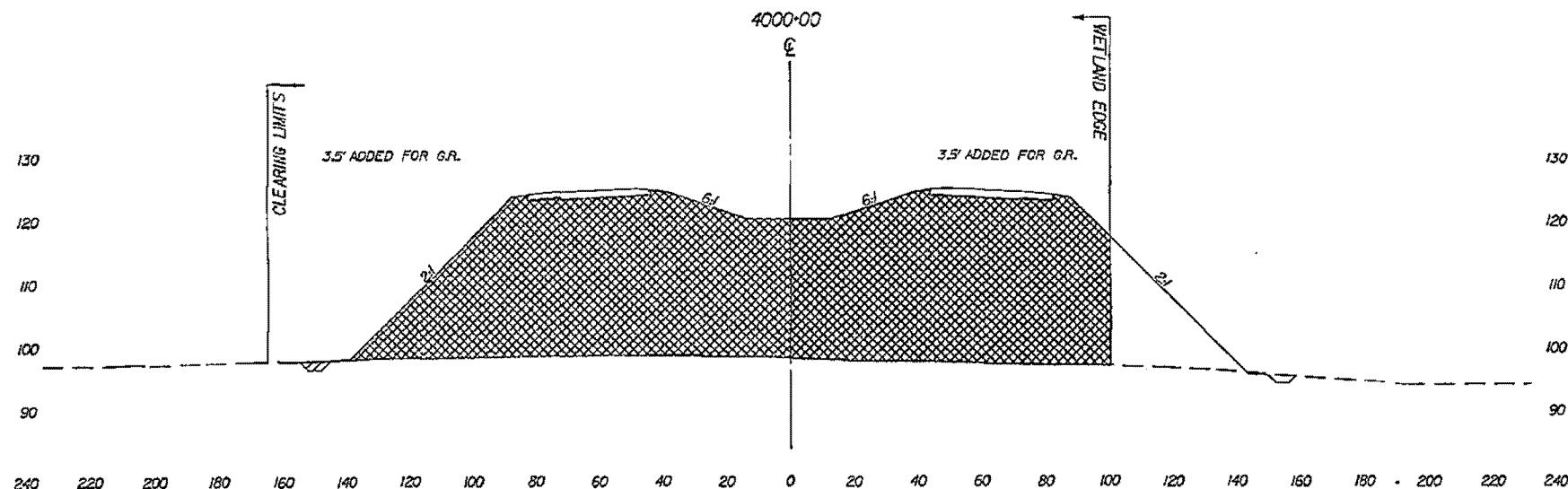
MATCHLINE SHEET 103

3980

LITTLE SISTER BAY

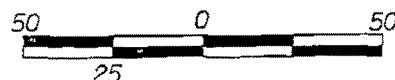
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION RR-RR

PERMITTED  
PLANS



GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 102 OF 178

PLAN VIEW

MATCHLINE SHEET 103

4020

CLEARCUT BAY FOREST /  
BAY FOREST  
WETLAND ABUTTING RPW  
M63 SAC #80-2001H777 (0)  
3.85 ACRES FILL  
0.07 ACRES TEMP. CLEAR  
(THIS SHEET)

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

ED SMITH ROAD

4030

4040

CSX RAILROAD

PIPES TO MAINTAIN FLOW

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

WET PLANTED PINE STAND / DITCH  
WETLAND ABUTTING NR PW  
M68  
0.13 ACRES FILL  
0.01 ACRES TEMP. CLEAR

## PERMITTED PLANS

300 0 300  
150

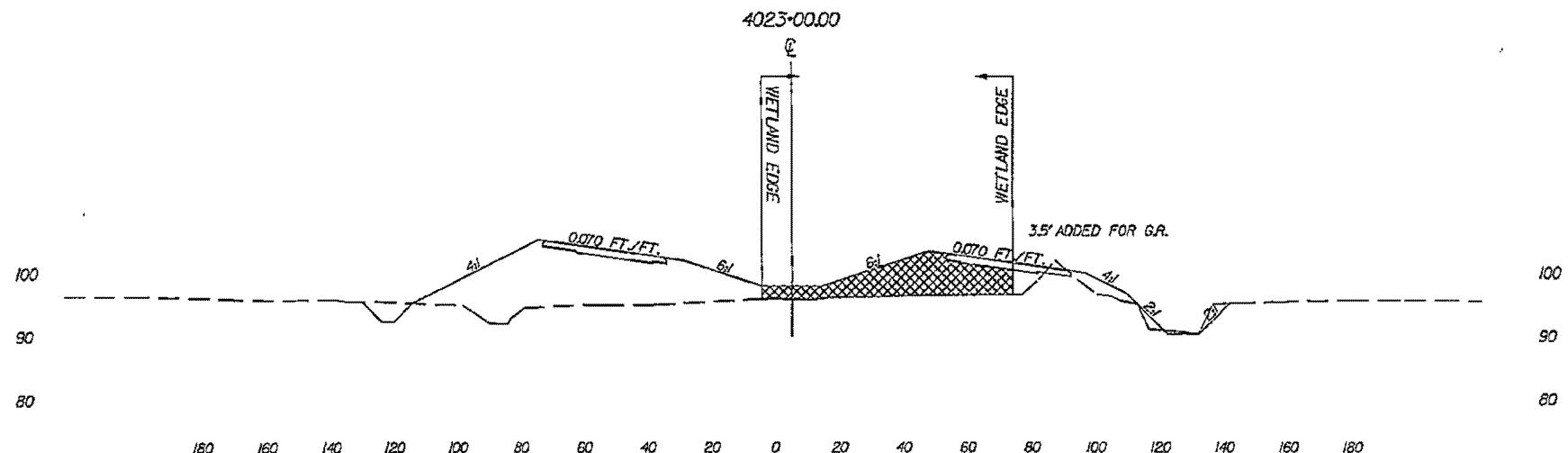
GRAPHIC SCALE 1" - 300'

LEGEND	
TNW	- TRADITIONALLY NAVIGABLE WATER
RPW	- RELATIVELY PERMANENT WATER
NR PW	- NON-RELATIVELY PERMANENT WATER
— Wetlands	-- DENOTES WETLAND LIMITS
— - - Construction	-- DENOTES CONSTRUCTION LIMITS
— R	-- DENOTES PROPERTY LINE
[Hatched]	- DENOTES FILL
[Cross-hatched]	- DENOTES TEMP. CLEAR
[Dashed]	- DENOTES PERM. CLEAR
[Diagonal-hatched]	- DENOTES EXCAVATION

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 103 OF 178

CROSS SECTION



SECTION SS-SS

— DENOTES EXISTING GROUND LINE  
■ - DENOTES FILL

50      0      50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

**PERMITTED PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 104 OF 178

PLAN VIEW

4050

C&O RAILROAD

PIPS TO MAINTAIN FLOW

4060

MACK ARTHUR ROAD (S-203)

JURISDICTIONAL DITCH  
M71 (DNR SN 45)  
0.02 ACRES FILL

4070

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

PROPOSED RIGHT OF WAY

4080

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND

- TNW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - - DENOTES WETLAND LIMITS
- - - DENOTES CONSTRUCTION LIMITS
- P - - DENOTES PROPERTY LINE
- [diagonal hatching] - DENOTES FILL
- [cross-hatching] - DENOTES TEMP. CLEAR
- [dotted pattern] - DENOTES PERM. CLEAR
- [horizontal hatching] - DENOTES EXCAVATION

300 0 300

150

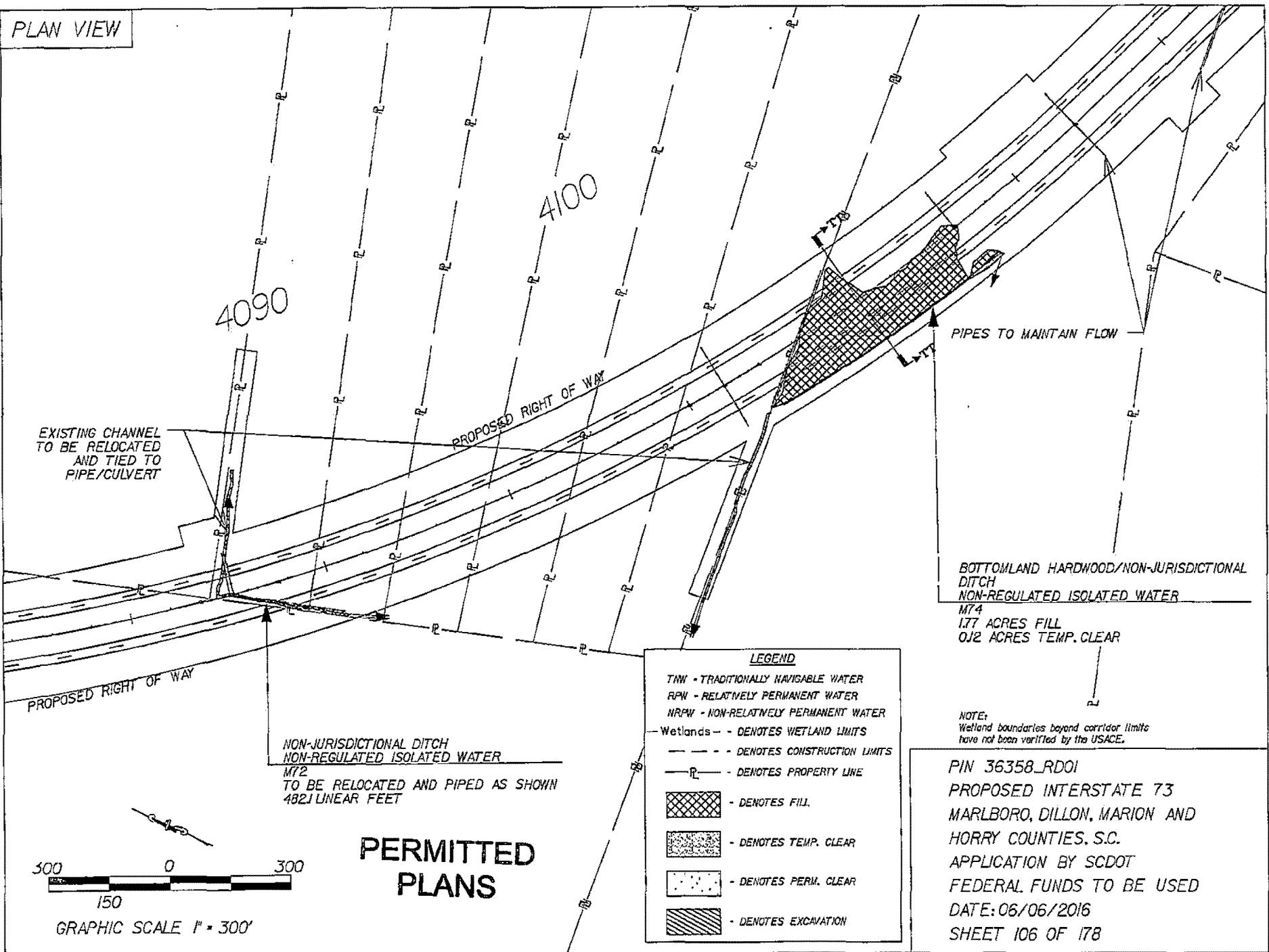
GRAPHIC SCALE 1" = 300'

**PERMITTED  
PLANS**

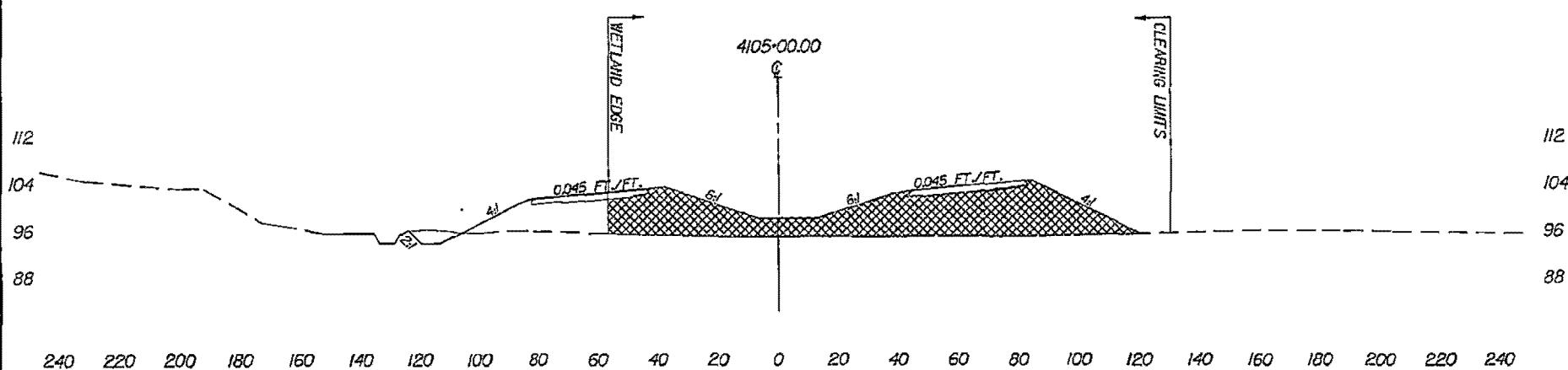
REVISED: 07/01/2016

PIN 36358\_RDO1  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 105 OF 178

PLAN VIEW



CROSS SECTION



SECTION TT-TT

— DENOTES EXISTING  
GROUND LINE  
■ - DENOTES FILL

50 0 50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 107 OF 178

## *PLAN VIEW*

## **PERMITTED PLANS**

BOTTOMLAND HARDWOOD/  
OLD POND  
WETLAND ABUTTING RPW  
M76  
0.47 ACRES FILL  
0.02 ACRES TEMP. CLEAR R

PROPOSED RIGHT OF WAY

**R**  
**PROPOSED RIGHT OF WAY**

4190

4180

- PIPE TO MAINTAIN FLOW

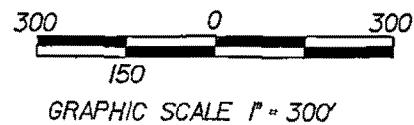
BOTTOMLAND HARDWOOD  
WETLAND ABUTTING RPW  
M78  
1.59 ACRES FILL  
0.05 ACRES TEMP. CLEAR

*NOTE:*  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

**LEGEND**

**TNW** - TRADITIONALLY NAVIGABLE WATER  
**RPW** - RELATIVELY PERMANENT WATER  
**NRPW** - NON-RELATIVELY PERMANENT WATER  
—Wetlands— : DENOTES WETLAND UNITS

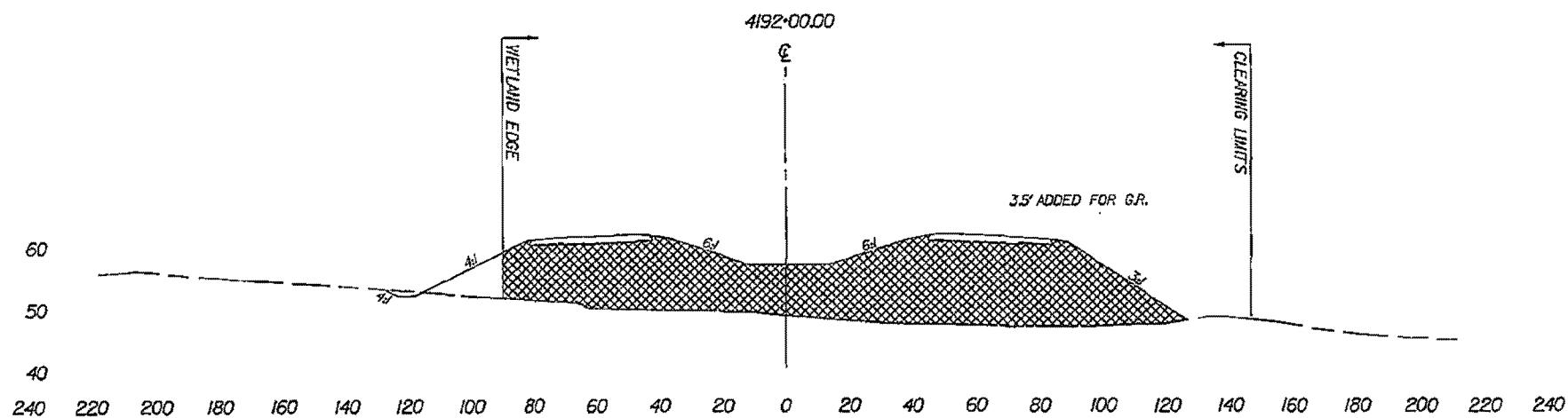
- - - - - DENOTES WETLAND LIMITS
- — - - - DENOTES CONSTRUCTION LIMITS
- R — - - DENOTES PROPERTY LINE
-  - DENOTES FILL
-  - DENOTES TEMP. CLEAR
-  - DENOTES PERM. CLEAR
-  - DENOTES EXCAVATION



PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 108 OF 178

## CROSS SECTION

**NOTE:**  
**WETLAND LIMITS EXTEND  
BEYOND CORRIDOR UNITS**



SECTION UU-UU

— — - DENOTES EXISTING GROUND LINE

*GRAPHIC SCALE 1" = 50' HORIZ.*

# PERMITTED PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 109 OF 178

PLAN VIEW

300  
0  
300  
150  
GRAPHIC SCALE 1" = 300'

SC 917

DECIDUOUS SHRUB SWAMP  
WETLAND ADJACENT TO RPW  
MB1  
0.52 ACRES FILL  
0.05 ACRES TEMP. CLEAR

CLEARCUT BAY FOREST  
WETLAND ADJACENT TO TNW  
MB2  
1.78 ACRES FILL  
0.7 ACRES TEMP. CLEAR

4230

PIPE TO MAINTAIN FLOW

4220

PROPOSED RIGHT OF WAY

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND

- TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- WETLANDS — DENOTES WETLAND LIMITS
- - - CONSTRUCTION LIMITS
- P — DENOTES PROPERTY LINE
- ■ ■ DENOTES FILL
- ■ ■ DENOTES TEMP. CLEAR
- ■ ■ DENOTES PERM. CLEAR
- ■ ■ DENOTES EXCAVATION

BOTTOMLAND HARDWOOD/  
DECIDUOUS SHRUB SWAMP/  
FRESHWATER MARSH  
WETLAND ABUTTING RPW  
M79 (DNR SN 164)  
10.38 ACRES FILL  
0.62 ACRES TEMP. CLEAR  
0.92 ACRES PERMANENT CLEAR

X200

PIPES TO MAINTAIN FLOW  
**PERMITTED PLANS**

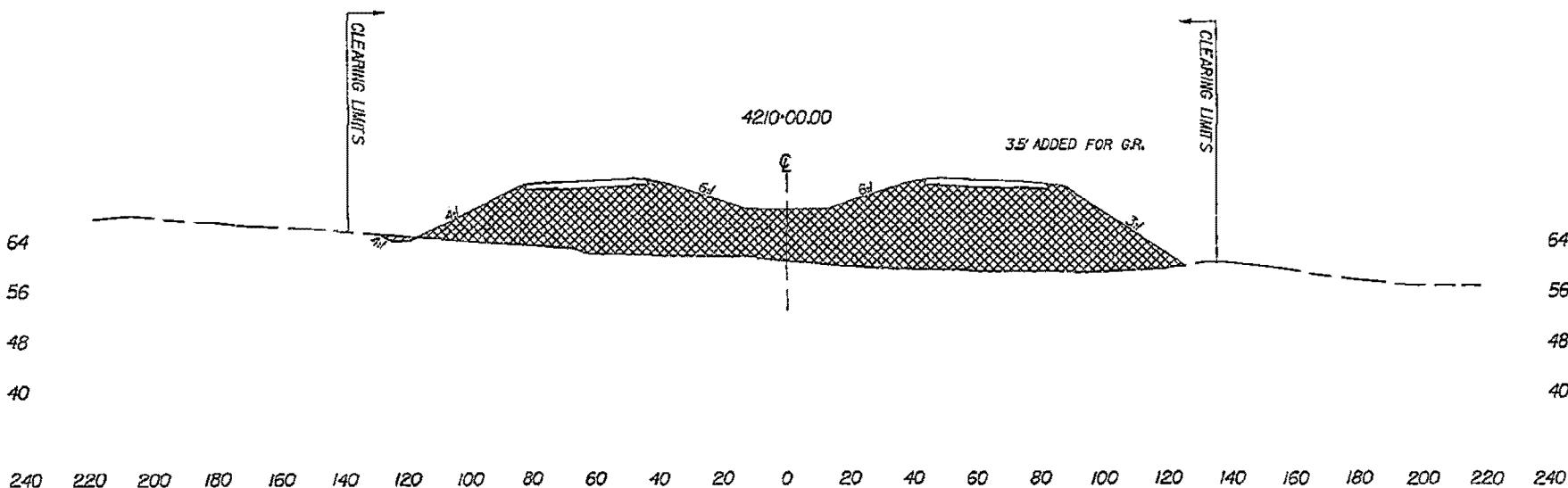
SWAMP

PIN 36358\_RDO1  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 110 OF 178

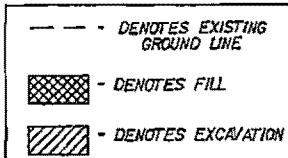


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION VV-VV



50      0      50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

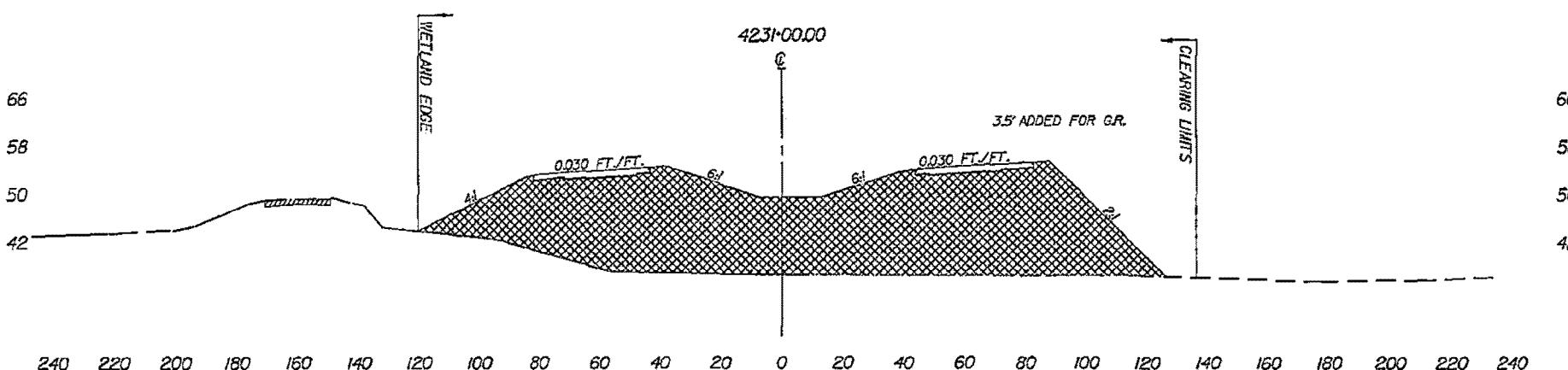
PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET III OF 178

## CROSS SECTION

**NOTE:**  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR LIMITS

**NO CLEARING UNITS AREA IS  
MAINTAINED FOR UTILITY LINE.**



SECTION WW-WW

 - DENOTES EXISTING GROUND LINE  
 - DENOTES FILL

*GRAPHIC SCALE 1" = 50' HORZ.*

## **PERMITTED PLANS**

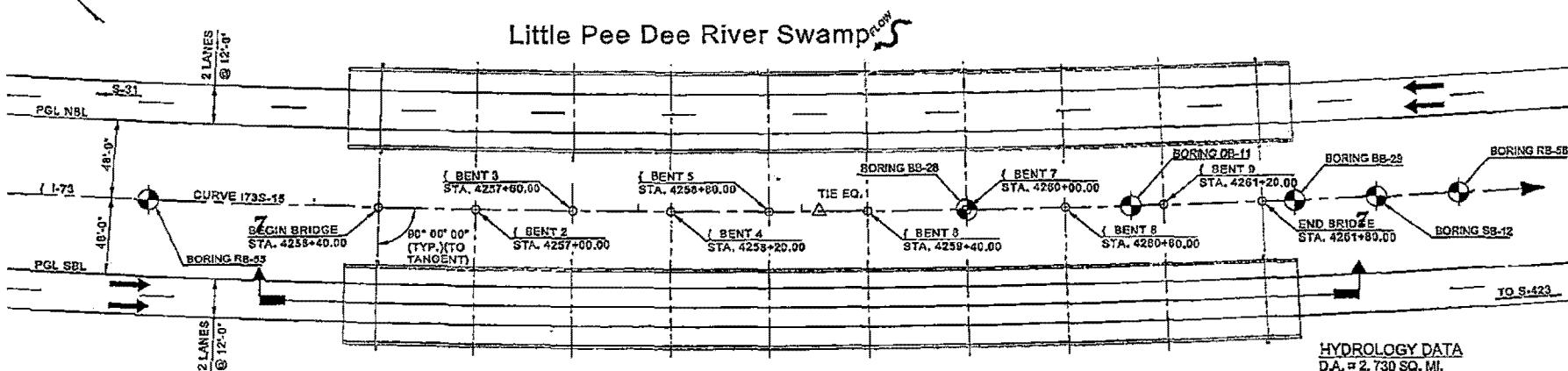
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 112 OF 178



PLAN & PROFILE VIEW

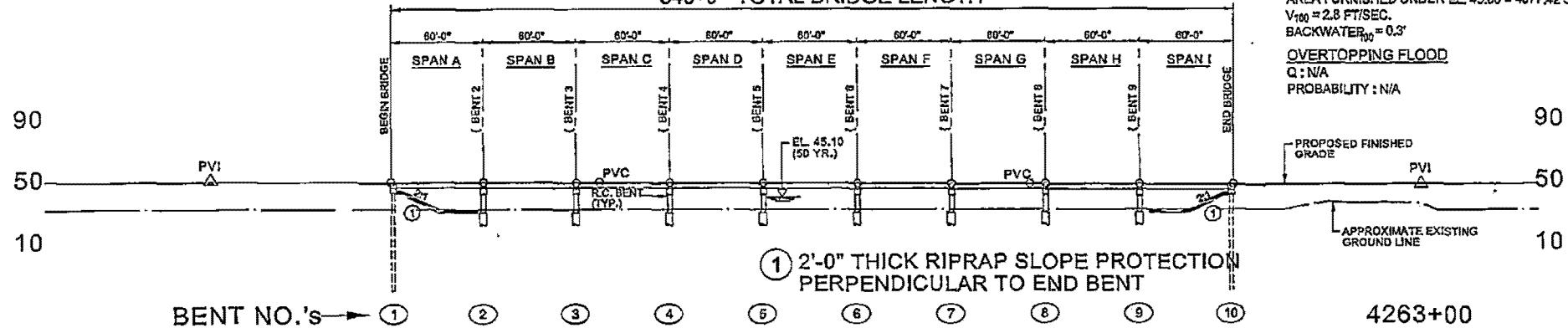
4255+00 4256+00 4257+00 4258+00 4259+00 4260+00 4261+00 4262+00 4263+00

EXISTING BRIDGE



PLAN

540'-0" TOTAL BRIDGE LENGTH



4255+00

4257+00

4259+00

**PERMITTED  
PLANS**

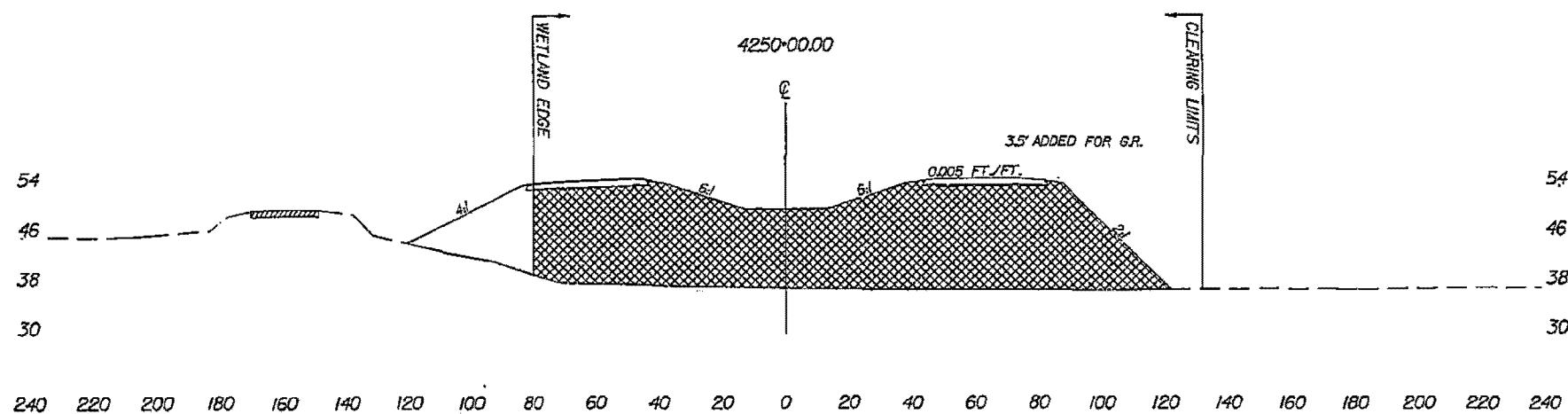
PROFILE

7 - 7

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 113A OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION XX-XX

— - - DENOTES EXISTING GROUND LINE  
[Shaded Box] - DENOTES FILL

50 0 50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 114 OF 178

## PLAN VIEW

WOODED SWAMP/FRESHWATER MARSH  
WETLAND ABUTTING TNW

## MATCHLINE SHEET 117

A280  
 HI  
 1.16 ACRES FILL (THIS SHEET)  
 0.12 ACRES TEMP. CLEAR (THIS SHEET)  
 0.56 ACRES PERMANENT CLEAR

A270

## MATCHLINE SHEET 113

WOODED SWAMP  
WETLAND ABUTTING TNW  
M86 (CONT)  
8.14 ACRES FILL  
0.41 ACRES TEMP. CLEAR  
0.64 ACRES PERMANENT CLEAR

EXISTING BRIDGE  
SC 917

LITTLE PEE DEE RIVER

LITTLE PEE DEE RIVER  
TNW  
(DNR SN 39404D)  
779 LINEAR FEET  
NO IMPACT

PROPOSED RELOCATION  
SANDY BLUFF CT.

EXISTING SANDY BLUFF CT.

PIPE TO MAINTAIN FLOW

300 0 300  
150

GRAPHIC SCALE 1" = 300'

PERMITTED  
PLANS

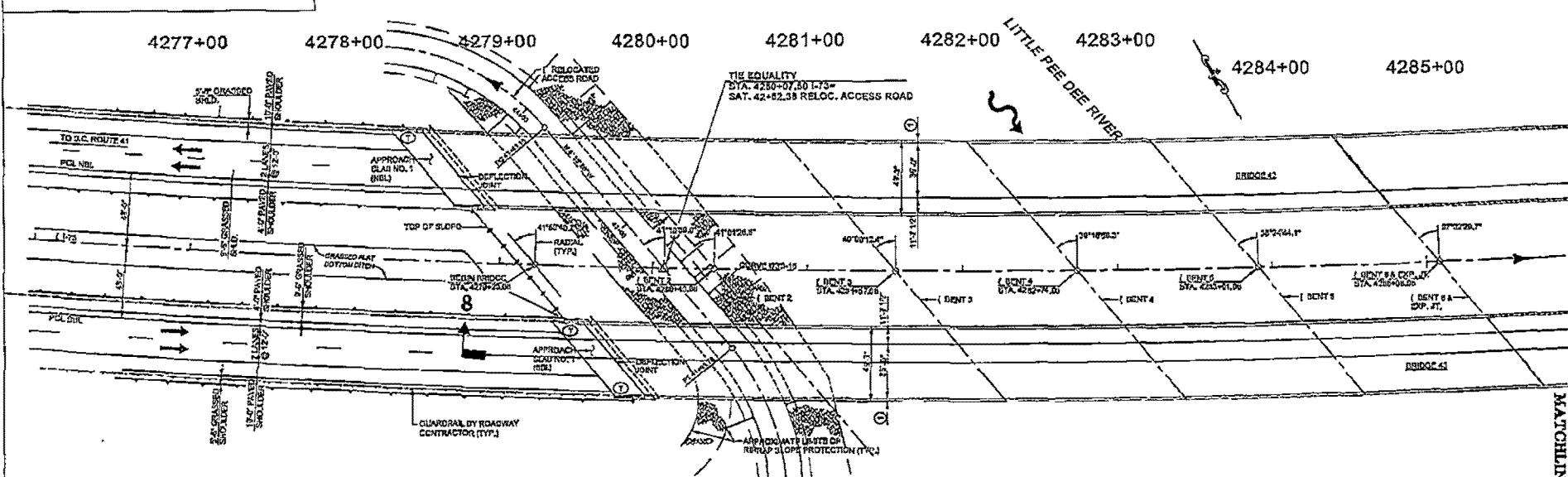
NOTES:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

## LEGEND

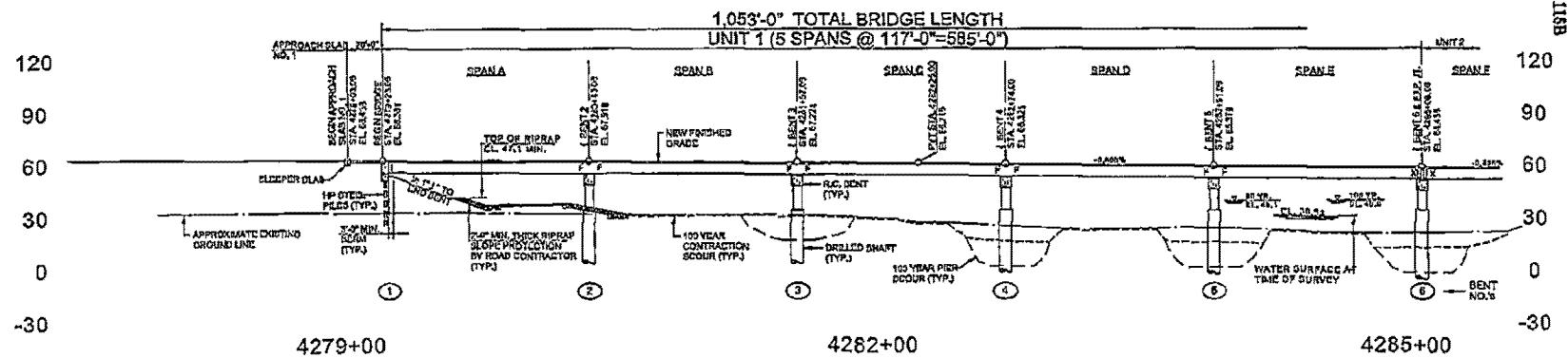
- - - - - DENOTES WETLAND LIMITS
- — — — — DENOTES CONSTRUCTION LIMITS
- P — — — — DENOTES PROPERTY LINE
- [Hatched Box] - DENOTES FILL
- [Cross-hatched Box] - DENOTES TEMP. CLEAR
- [Dotted Box] - DENOTES PERM. CLEAR
- [Diagonal-hatched Box] - DENOTES EXCAVATION

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 115 OF 178

## PLAN & PROFILE VIEW



## PLAN



HYDROLOGY DATA

DA 82730 SQ. MI.

Q = 834 286 CES

**ABFA FURNISHER**

**N = 50 STAGES**

V<sub>50</sub> = 5.0 V/SEC.

$$Q_{100} = 26,416 \text{ CFS}$$

**AREA FURNISHED**

$$V_{1m} = 5.1 \text{ FT/SEC.}$$

BACKWATER<sub>m</sub> = 9

BRUNNEN

© 1999-2000

## OVERTOPPING

Q3 NVA GFS /500-1

卷之三

PROBABILITY < N/A

[View all posts by admin](#) | [View all posts in category](#)

## PROFILE

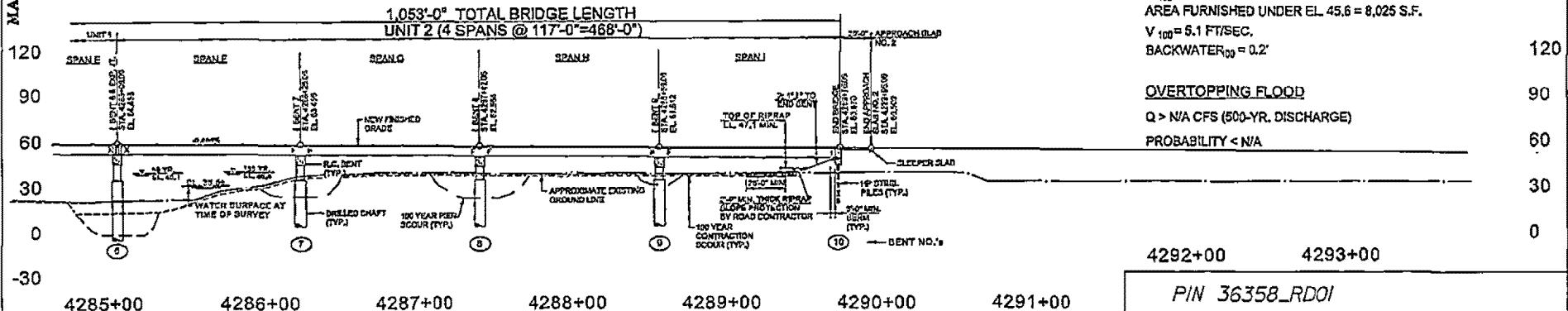
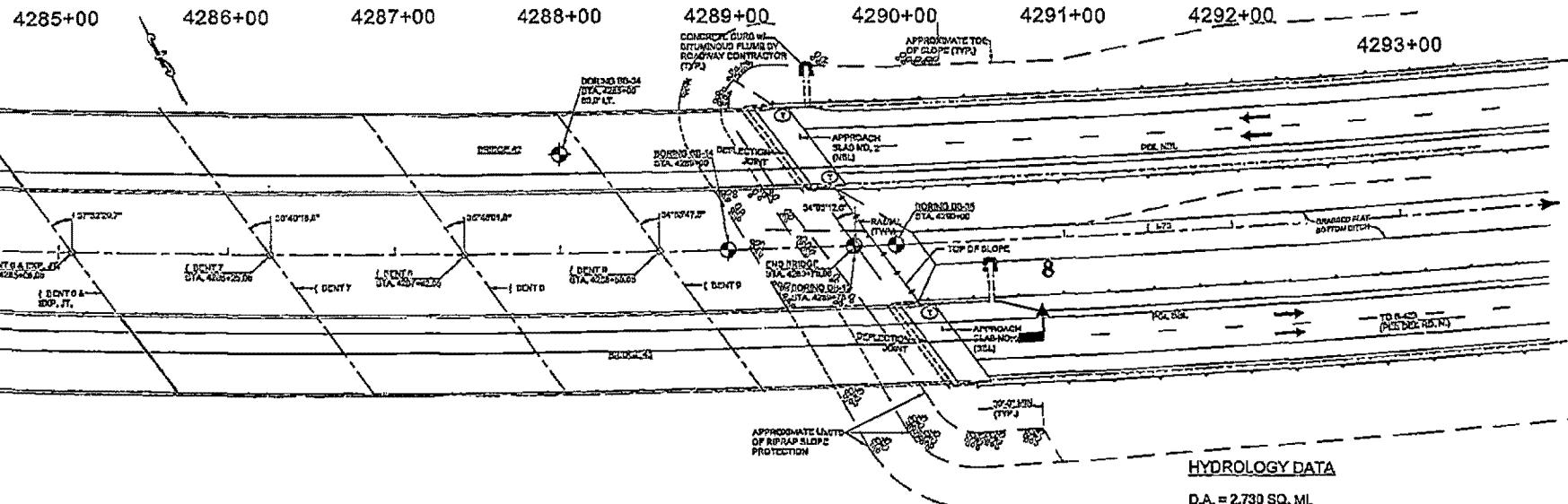
8 - 8

# PERMITTED PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 115A OF 178

**PLAN & PROFILE VIEW**

MATCHLINE SHEET 115A



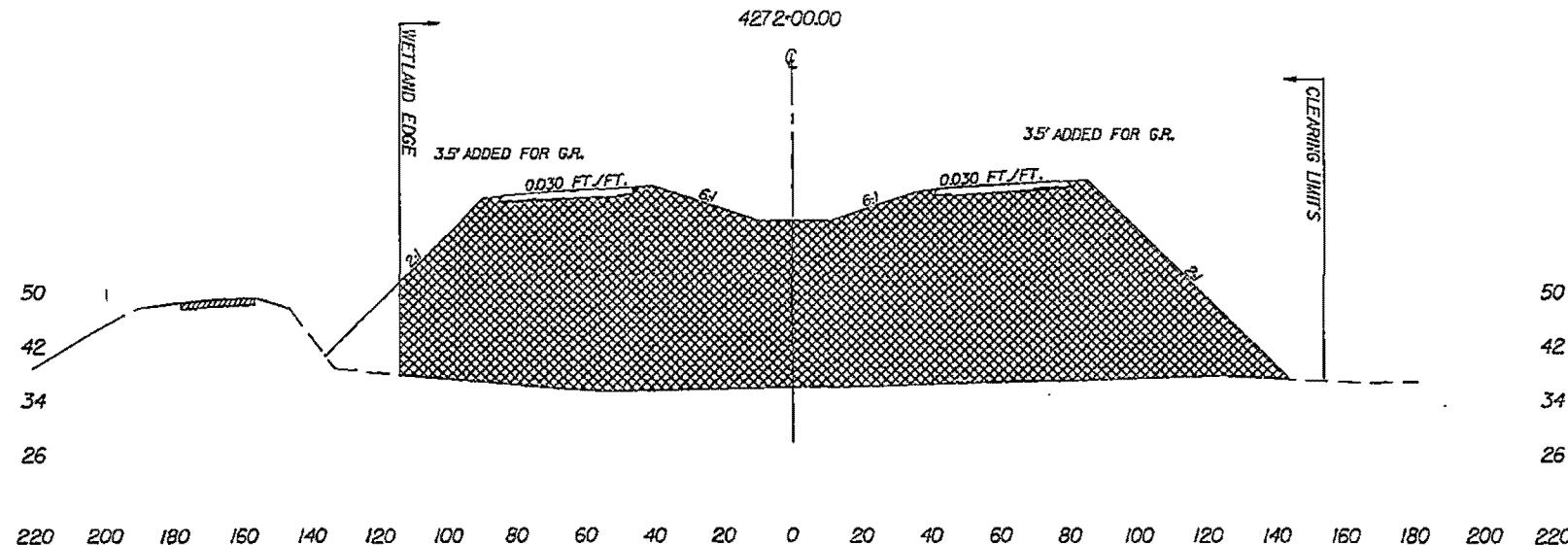
**PROFILE**

8 - 8

**PERMITTED  
PLANS**

P/N 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCODOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 115B OF 178

## CROSS SECTION



SECTION YY-YY

 - DENOTES EXISTING GROUND LINE  
 - DENOTES FILL

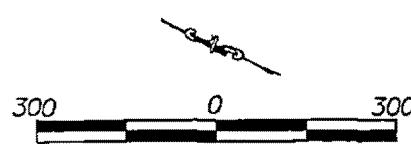
A horizontal scale with major tick marks at 0, 25, and 50.

GRAPHIC SCALE 1" = 50' HORIZ.

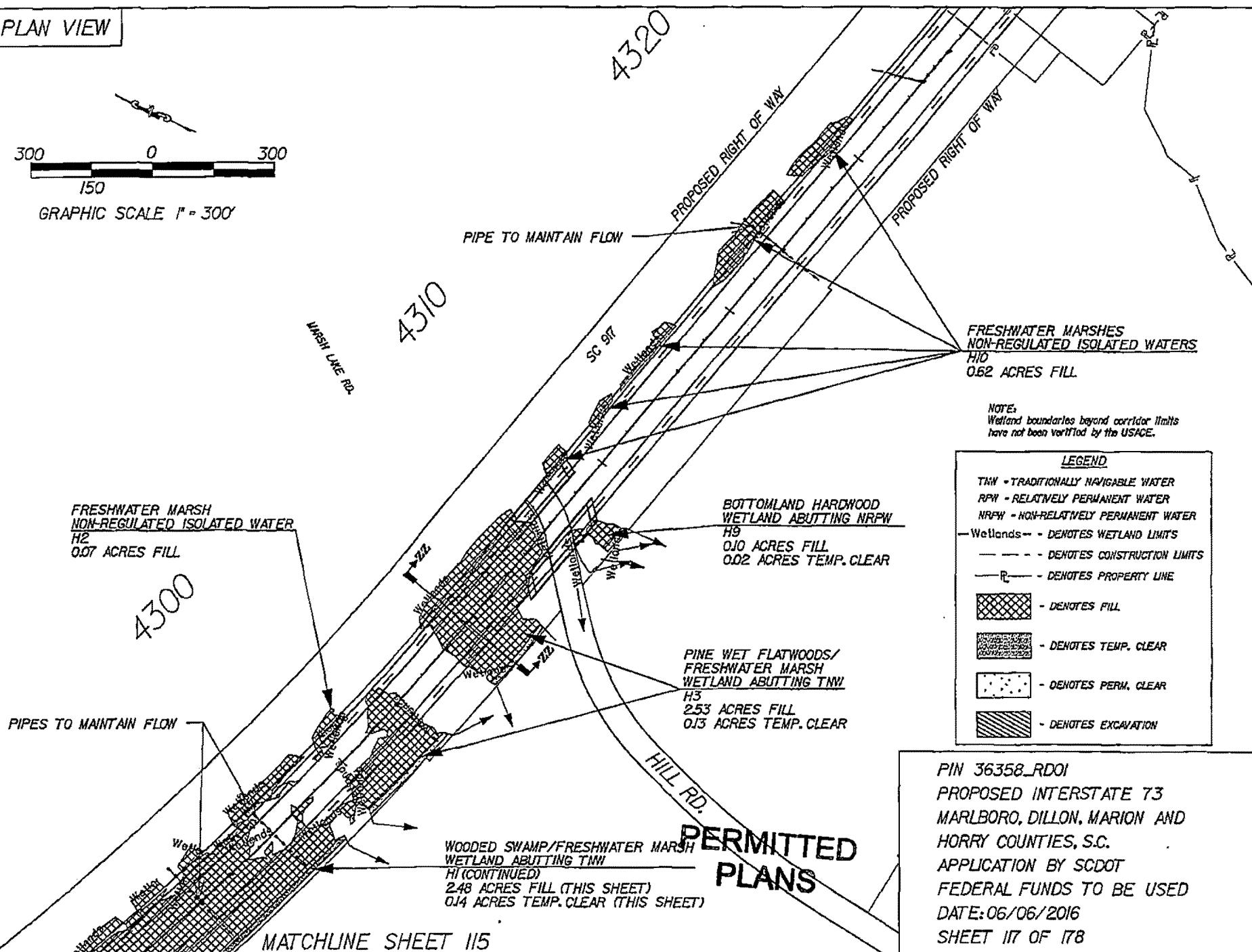
## **PERMITTED PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 116 OF 178

PLAN VIEW



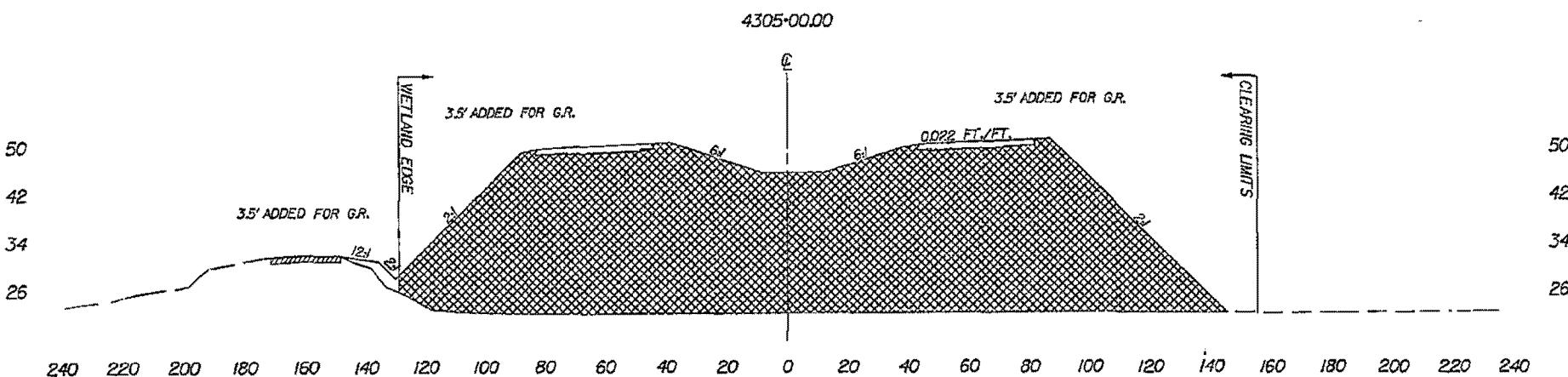
GRAPHIC SCALE 1" = 300'



PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCOTD  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 117 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION ZZ-ZZ

— — — DENOTES EXISTING GROUND LINE  
■ ■ ■ DENOTES FILL

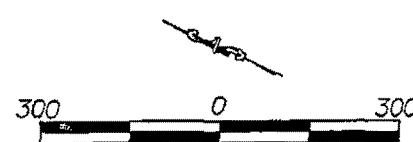
50 0 50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 118 OF 178

PLAN VIEW



GRAPHIC SCALE 1" = 300'

MATCHLINE SHEET 121

X350

SC 97

CULVERTS TO MAINTAIN FLOW

X340

PROPOSED RIGHT OF WAY

WOODED SWAMP/FRESHWATER MARSH  
WETLAND ABUTTING TNW  
H12 (DNR SN 10)  
3.54 ACRES FILL  
0.31 ACRES TEMP. CLEAR  
1.03 ACRES PERMANENT CLEAR

FRESHWATER MARSH  
WETLAND ADJACENT TO RPW  
H11  
0.13 ACRES FILL

X330

SC 97

PROPOSED RIGHT OF WAY

EXISTING  
BRIDGE

Soil  
Survey

BLACK CREEK

PERMITTED  
PLANS

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND

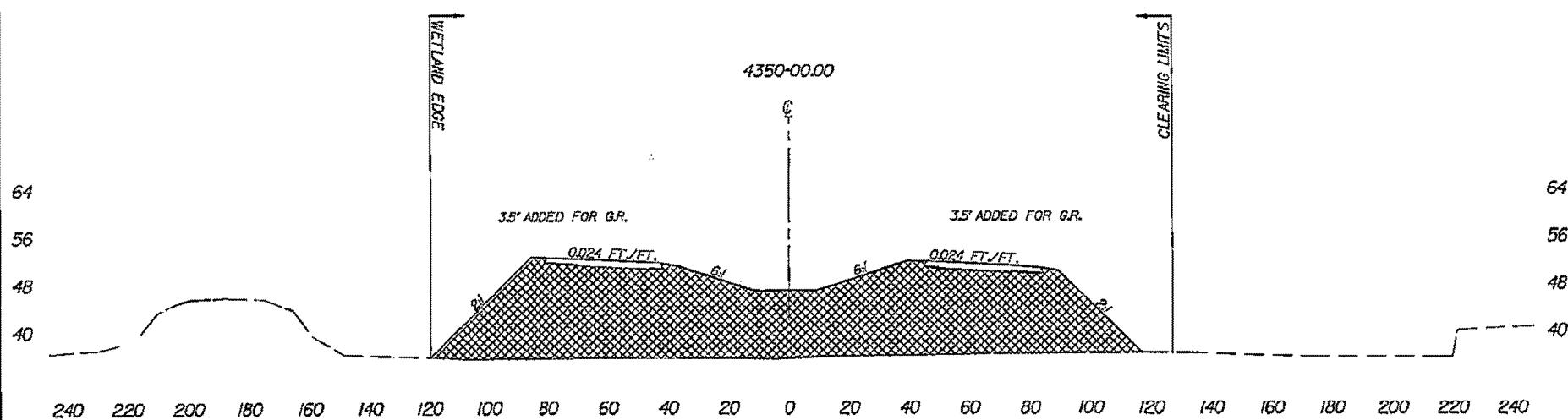
- TNW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - - DENOTES WETLAND LIMITS
- - - DENOTES CONSTRUCTION LIMITS
- - DENOTES PROPERTY LINE
- [Hatched Box] - DENOTES FILL
- [Solid Box] - DENOTES TEMP. CLEAR
- [Dotted Box] - DENOTES PERM. CLEAR
- [Cross-hatched Box] - DENOTES EXCAVATION

PIN 36358\_RDO1  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 119 OF 178

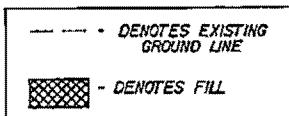


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION AAA-AAA



50 0 50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

PIN 36358\_RD01

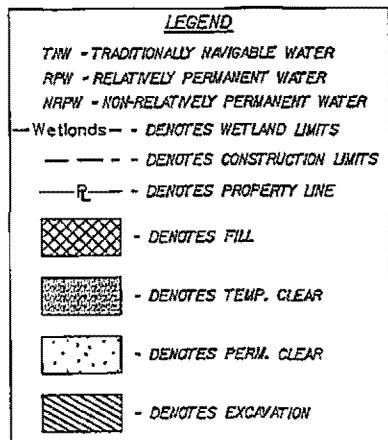
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 120 OF 178

PLAN VIEW



GRAPHIC SCALE 1" = 300'

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.



BOTTOMLAND HARDWOOD  
WETLAND ADJACENT TO RPW  
HIS (CONT)  
5.45 ACRES FILL  
0.27 ACRES TEMP. CLEAR  
(THIS SHEET)

4360

50' 9"

4370

PROPOSED RIGHT OF WAY

DECIDUOUS SHRUB SWAMP  
WETLAND ABUTTING NRPW  
H16  
0.10 ACRES FILL

PERMITTED  
PLANS

4380

REF. SECTION

4390

ccc

ccc

MATCHLINE SHEET 124

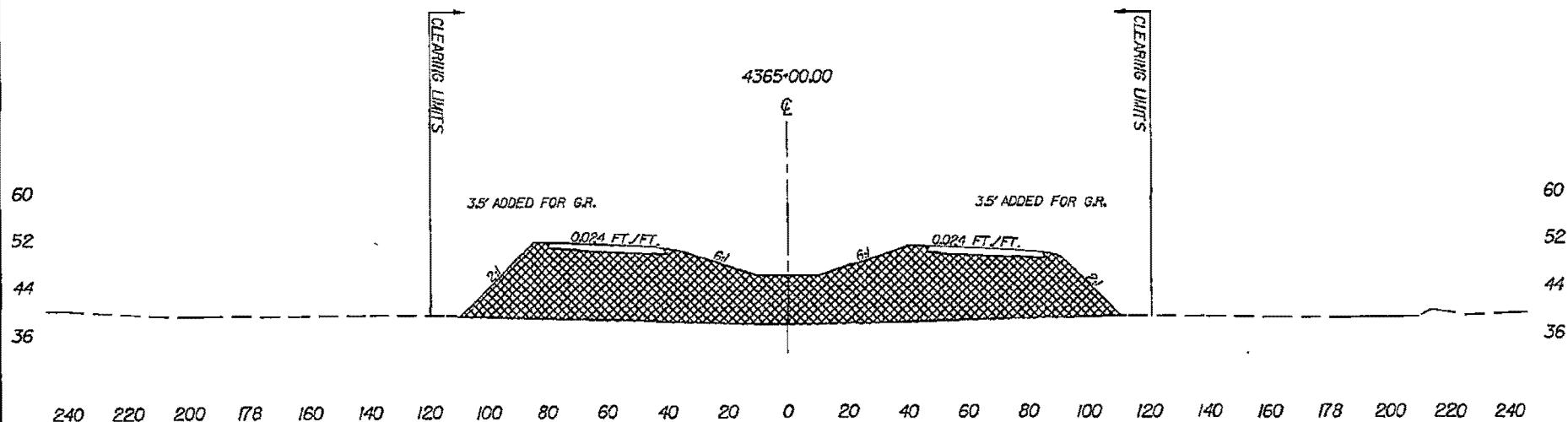
DITCHED BAY FOREST  
WETLAND ABUTTING NRPW  
H16  
5.28 ACRES FILL  
0.20 ACRES TEMP. CLEAR  
(THIS SHEET)

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 121 OF 178

/ MATCHLINE SHEET 119

CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR UNITS



SECTION BBB-BBB

— - - DENOTES EXISTING  
GROUND LINE  
■■■■■ - DENOTES FILL

50 0 50  
25

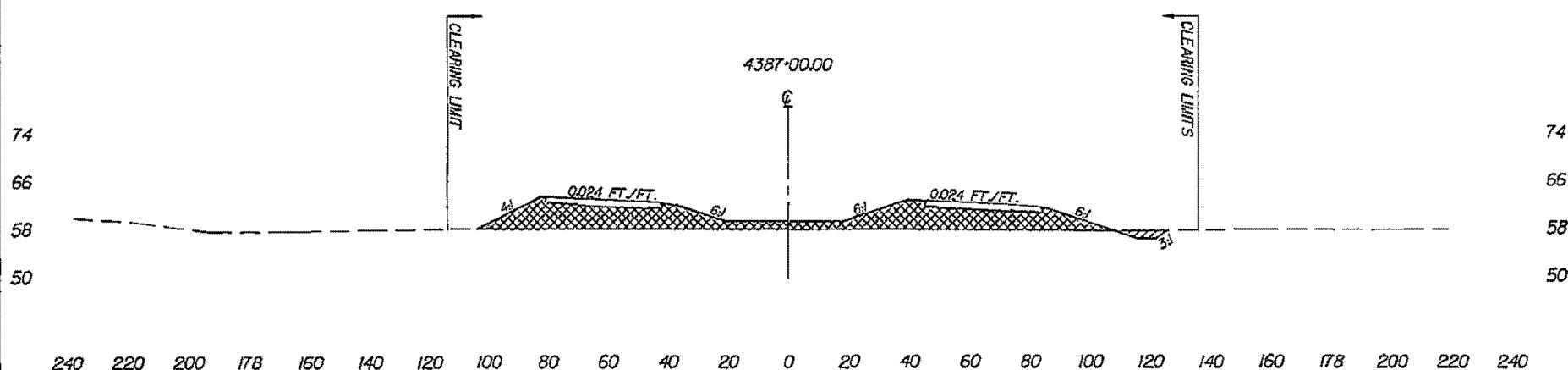
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

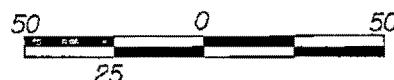
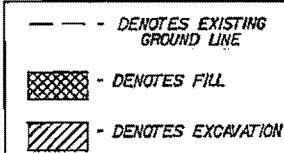
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 122 OF 178

CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR UNITS



SECTION CCC-CCC

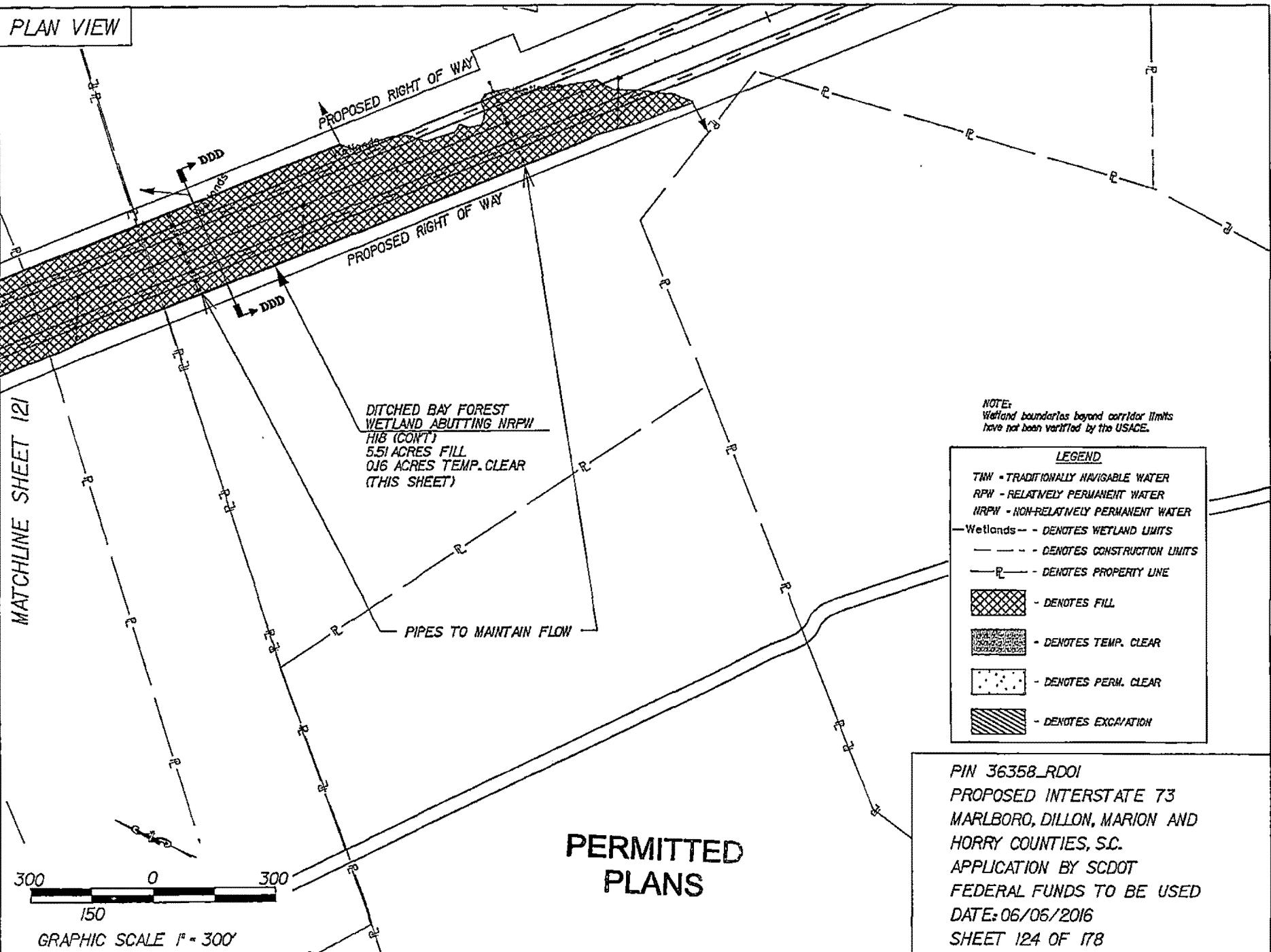


GRAPHIC SCALE 1" = 50' HORIZ.

## PERMITTED PLANS

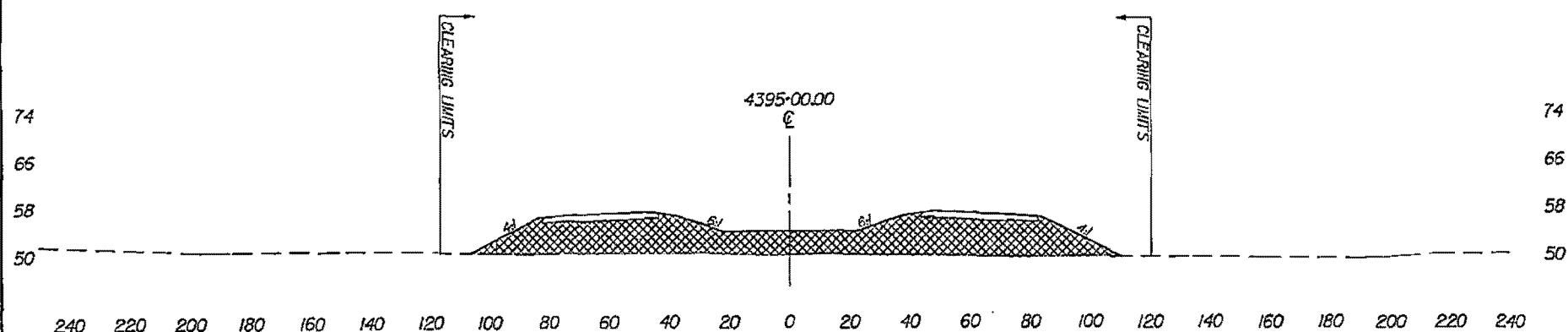
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 123 OF 178

PLAN VIEW

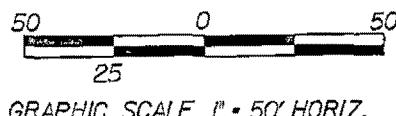
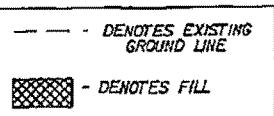


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION DDD-DDD



**PERMITTED  
PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 125 OF 178

PLAN VIEW

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND

- TNW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands -- DENOTES WETLAND LIMITS
- - - DENOTES CONSTRUCTION LIMITS
- R — DENOTES PROPERTY LINE
- [diagonal hatching] - DENOTES FILL
- [solid black] - DENOTES TEMP. CLEAR
- [dotted pattern] - DENOTES PERM. CLEAR
- [horizontal hatching] - DENOTES EXCAVATION

FRESHWATER MARSH  
NON-REGULATED ISOLATED WATER  
H2J  
0.21 ACRES FILL

PINE WET FLATWOODS/  
CLEARCUT PINE WET FLATWOODS  
WETLAND ADJACENT TO NRPW  
H2O  
1.59 ACRES FILL  
0.36 ACRES TEMP. CLEAR

PIPES TO MAINTAIN FLOW

PERMITTED  
PLANS

300 0 300  
150

GRAPHIC SCALE 1" = 300'

JURISDICTIONAL DITCHES  
H23  
0.05 ACRES FILL  
(THIS SHEET)

PROPOSED RIGHT OF WAY

4440

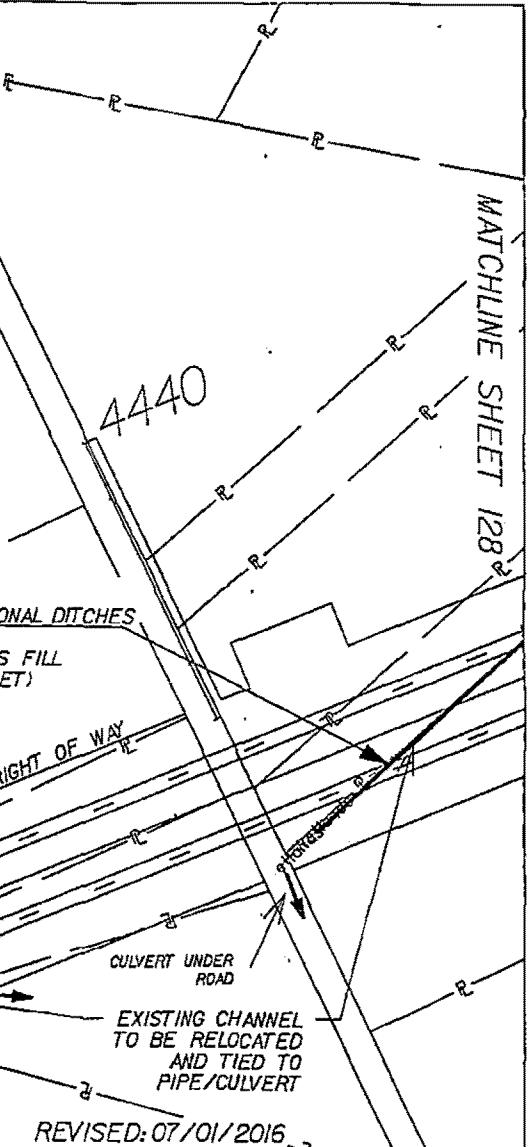
CULVERT UNDER ROAD  
EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

REVISED: 07/01/2016

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 126 OF 178

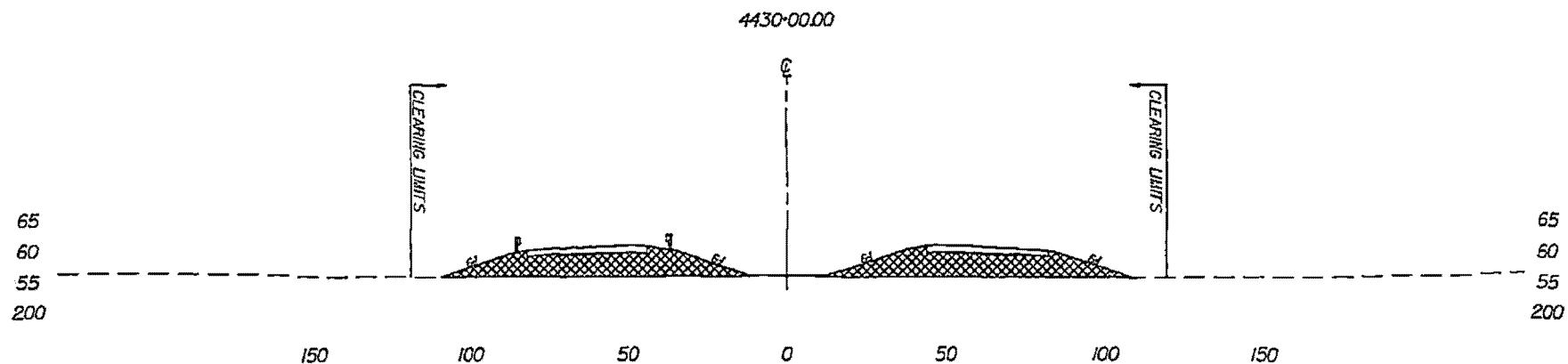
MATCHLINE SHEET 128

HANNAH BAY



CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION EEE-EFF

— — - DENOTES EXISTING GROUND LINE  
■ ■ ■ - DENOTES FILL

50 0 50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 127 OF 178

## PLAN VIEW

MATCHLINE SHEET 126

300 0 300  
150  
GRAPHIC SCALE 1" = 300'

## PERMITTED PLANS

PINE WET FLATWOODS/  
DECIDUOUS SHRUB SWAMP  
WETLAND ADJACENT TO NRPW  
H27  
0.23 ACRES FILL  
0.35 ACRES TEMP. CLEAR

BOTTOMLAND HARDWOOD/JURISDICTIONAL DITCH  
WETLAND ADJACENT TO NRPW  
H28

0.21 ACRES FILL  
0.02 ACRES TEMP. CLEAR

PINE WET FLATWOODS/  
DECIDUOUS SHRUB SWAMP  
NON-REGULATED ISOLATED WATER  
H26  
0.49 ACRES FILL

JURISDICTIONAL DITCHES  
H23 (CONT)  
0.002 ACRES FILL  
(THIS SHEET)

PROPOSED RIGHT OF WAY

PIPS TO MAINTAIN FLOW

PARTIALLY DITCHED  
PINE WET FLATWOODS  
WETLAND ABUTTING NRPW  
H25  
2.82 ACRES FILL  
0.00 ACRES TEMP. CLEAR  
0.55 ACRES EXCAVATION

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

## LEGEND

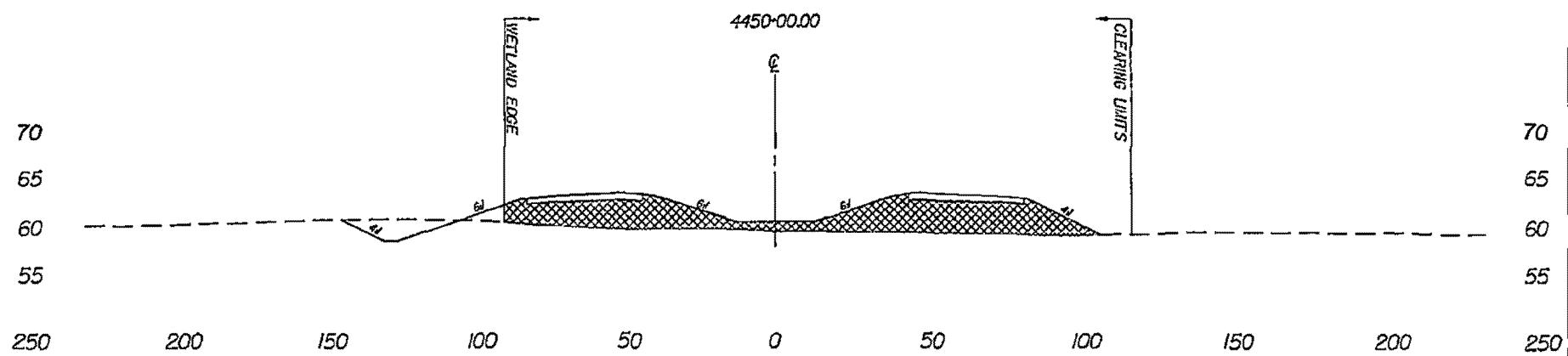
- TNW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - - DENOTES WETLAND LIMITS
- — - DENOTES CONSTRUCTION LIMITS
- RL - - DENOTES PROPERTY LINE
- [Hatched Box] - DENOTES FILL
- [Cross-hatched Box] - DENOTES TEMP. CLEAR
- [Dotted Box] - DENOTES PERM. CLEAR
- [Diagonal-hatched Box] - DENOTES EXCAVATION

REVISED: 07/01/2016

PIN 36358\_RDO1  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 128 OF 178

## CROSS SECTION

**NOTE:**  
**WETLAND UNITS EXTEND  
BEYOND CORRIDOR UNITS**



## SECTION FFF-FFF

— — - DENOTES EXISTING GROUND LINE

[Hatched Box] - DENOTES FILL

A horizontal scale with major tick marks at 0, 25, and 50.

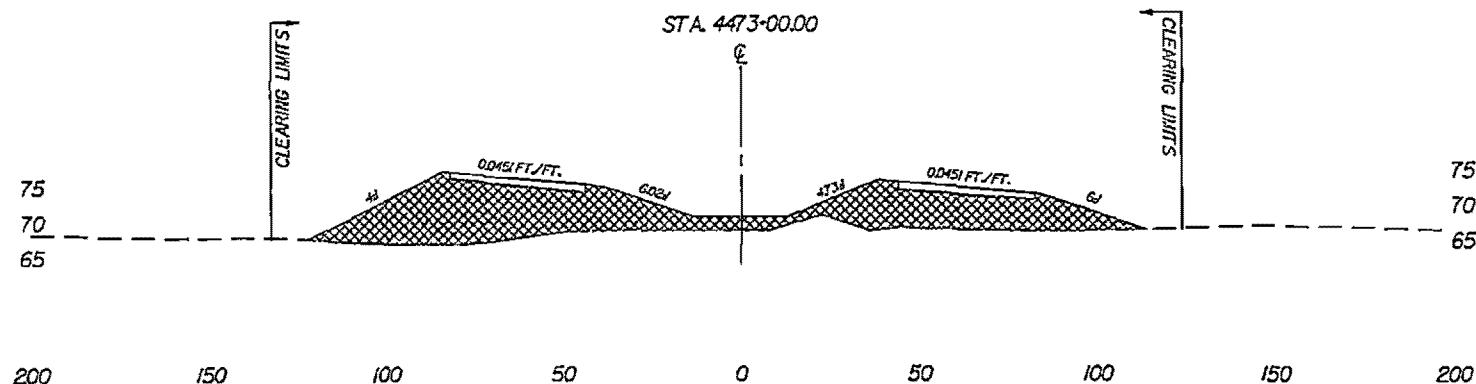
*GRAPHIC SCALE 1" = 50' HORIZ.*

## **PERMITTED PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 129 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION GGG-GGG

— — — DENOTES EXISTING GROUND LINE  
■ ■ ■ DENOTES FILL

50 0 50  
25

GRAPHIC SCALE 1" - 50' HORIZ.

PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 130 OF 178

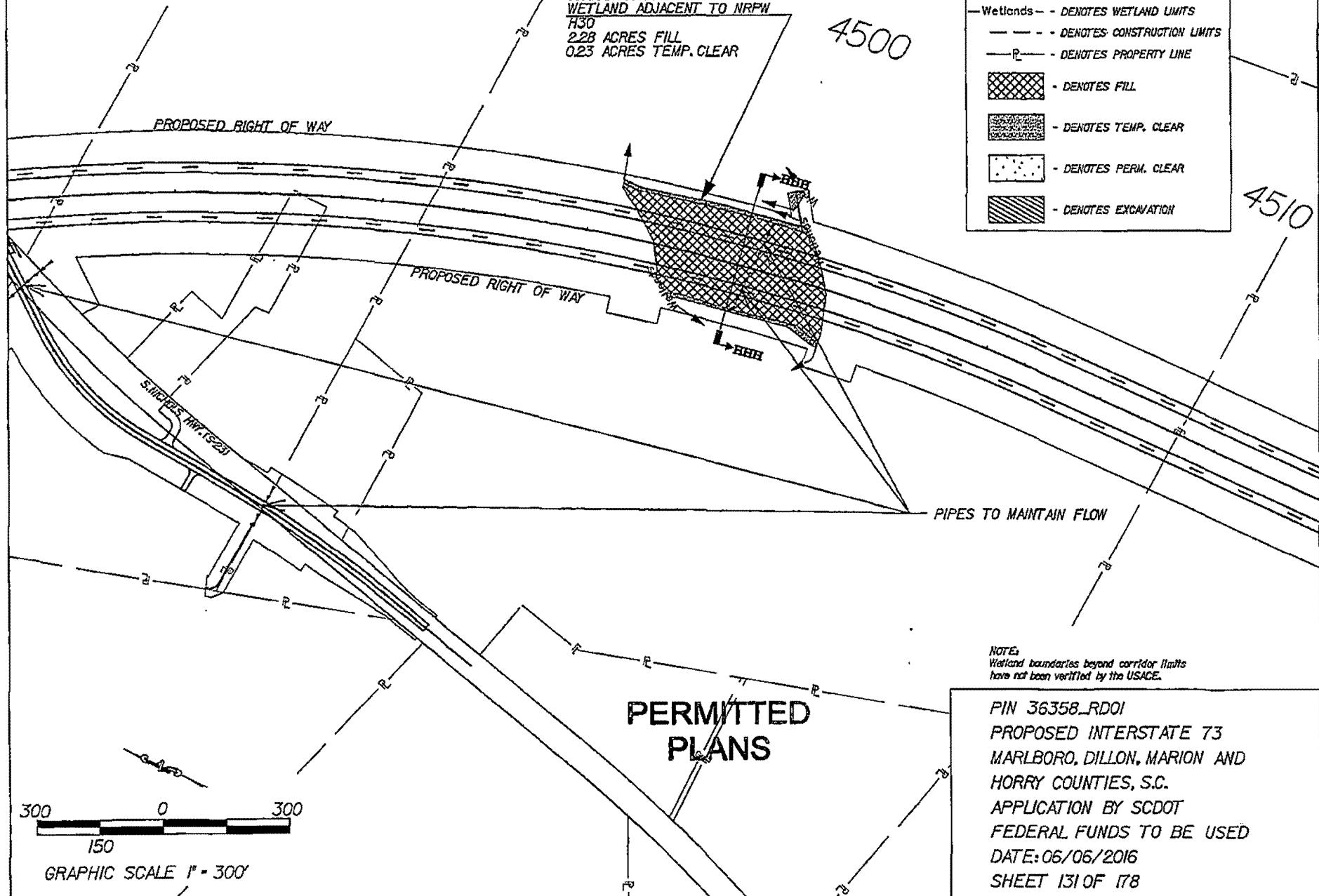
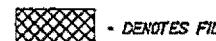
PLAN VIEW

4490

LEGEND

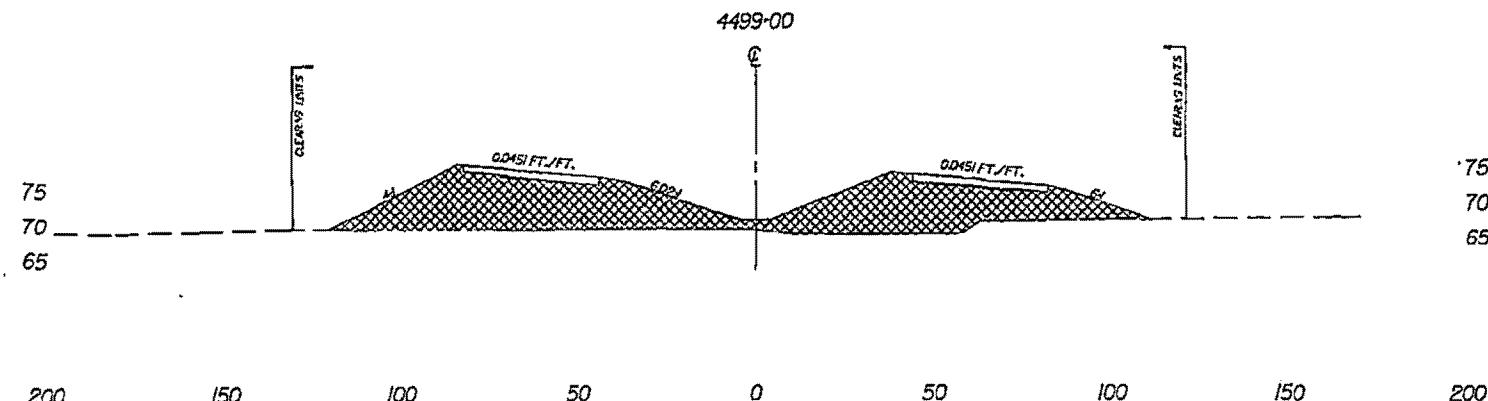
TNW - TRADITIONALLY NAVIGABLE WATER  
RPW - RELATIVELY PERMANENT WATER  
NRPW - NON-RELATIVELY PERMANENT WATER

- Wetlands - - - DENOTES WETLAND UNITS  
- - - - - DENOTES CONSTRUCTION LIMITS  
- P - - - DENOTES PROPERTY LINE

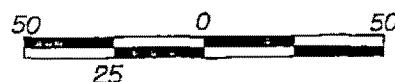
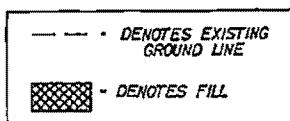


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS

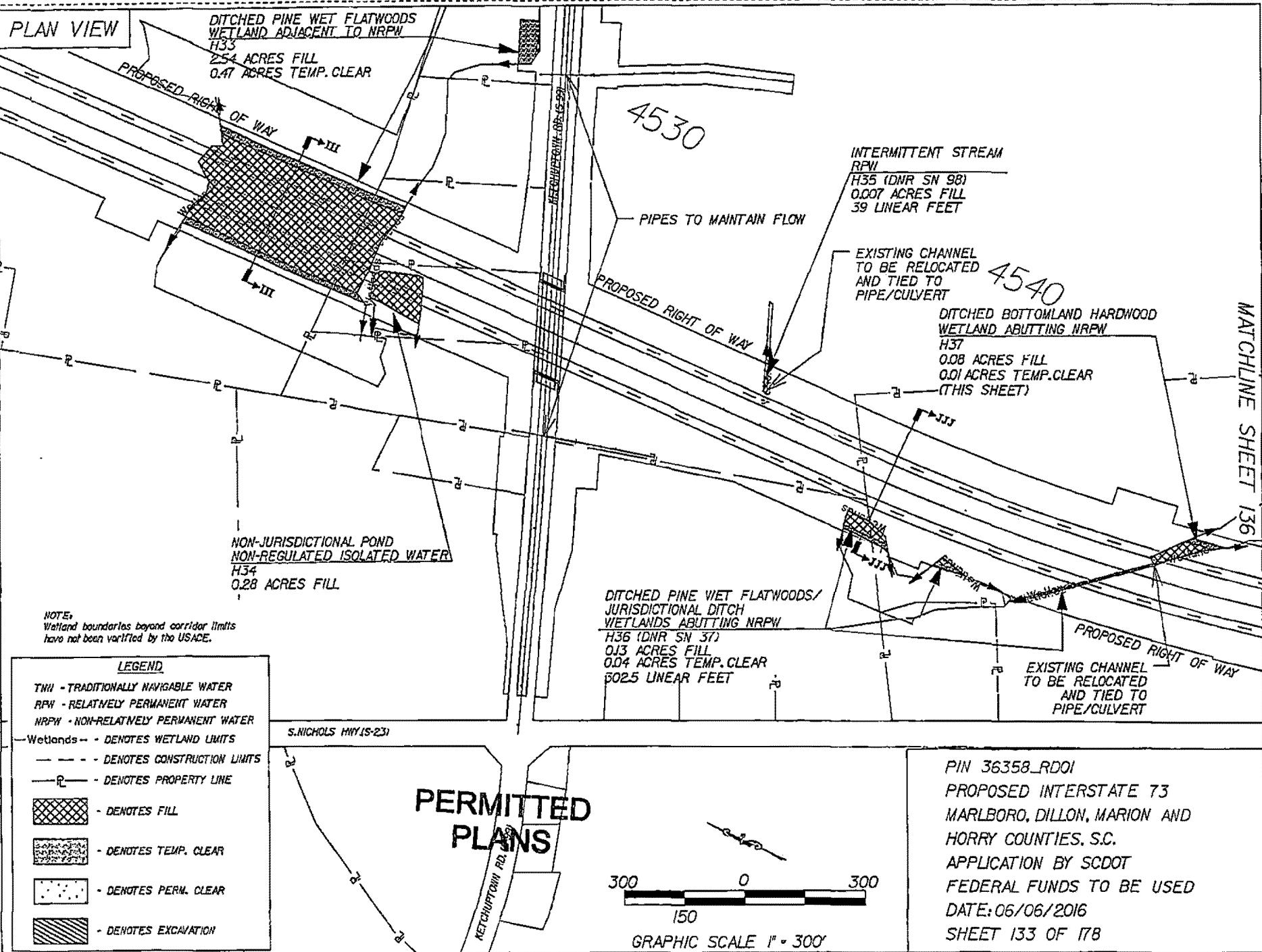


SECTION HHH-HHH



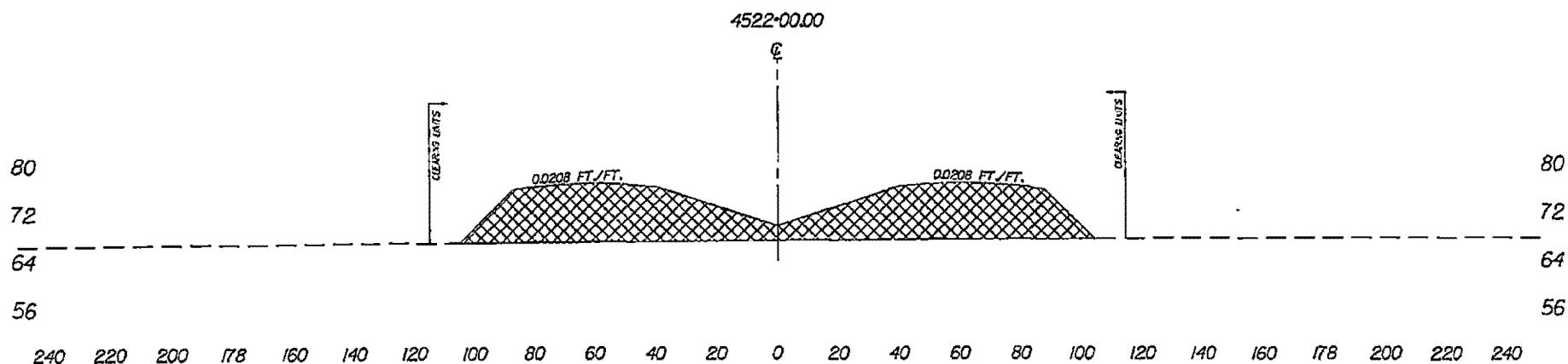
PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 132 OF 178

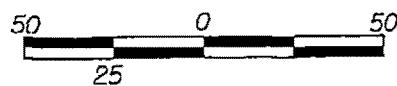
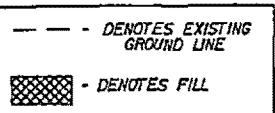


CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION III-III



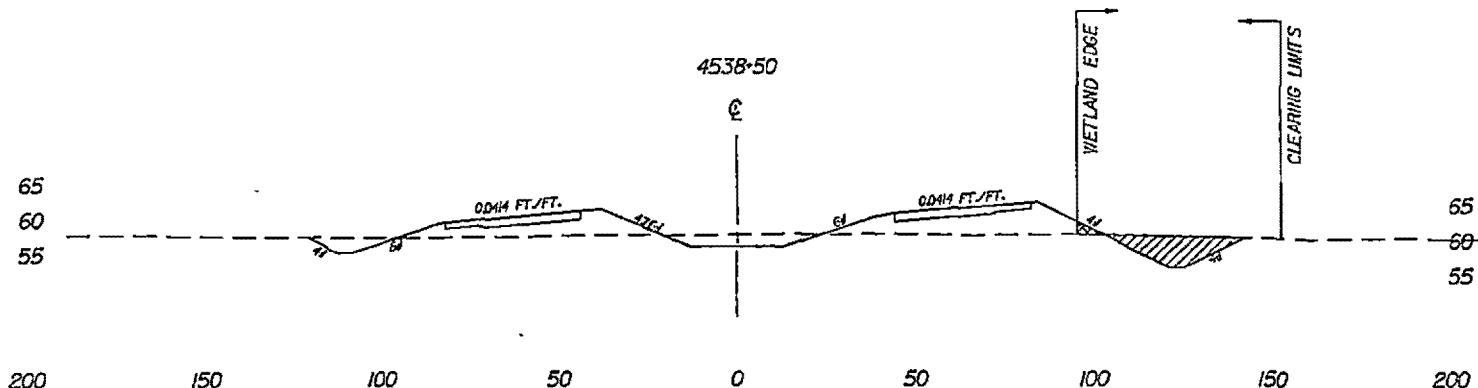
GRAPHIC SCALE 1" - 50' HORIZ.

PERMITTED  
PLANS

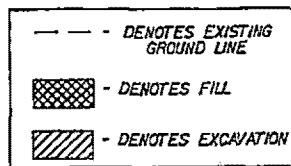
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 134 OF 178

## CROSS SECTION

**NOTE:**  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR UNITS



SECTION III-JJJ

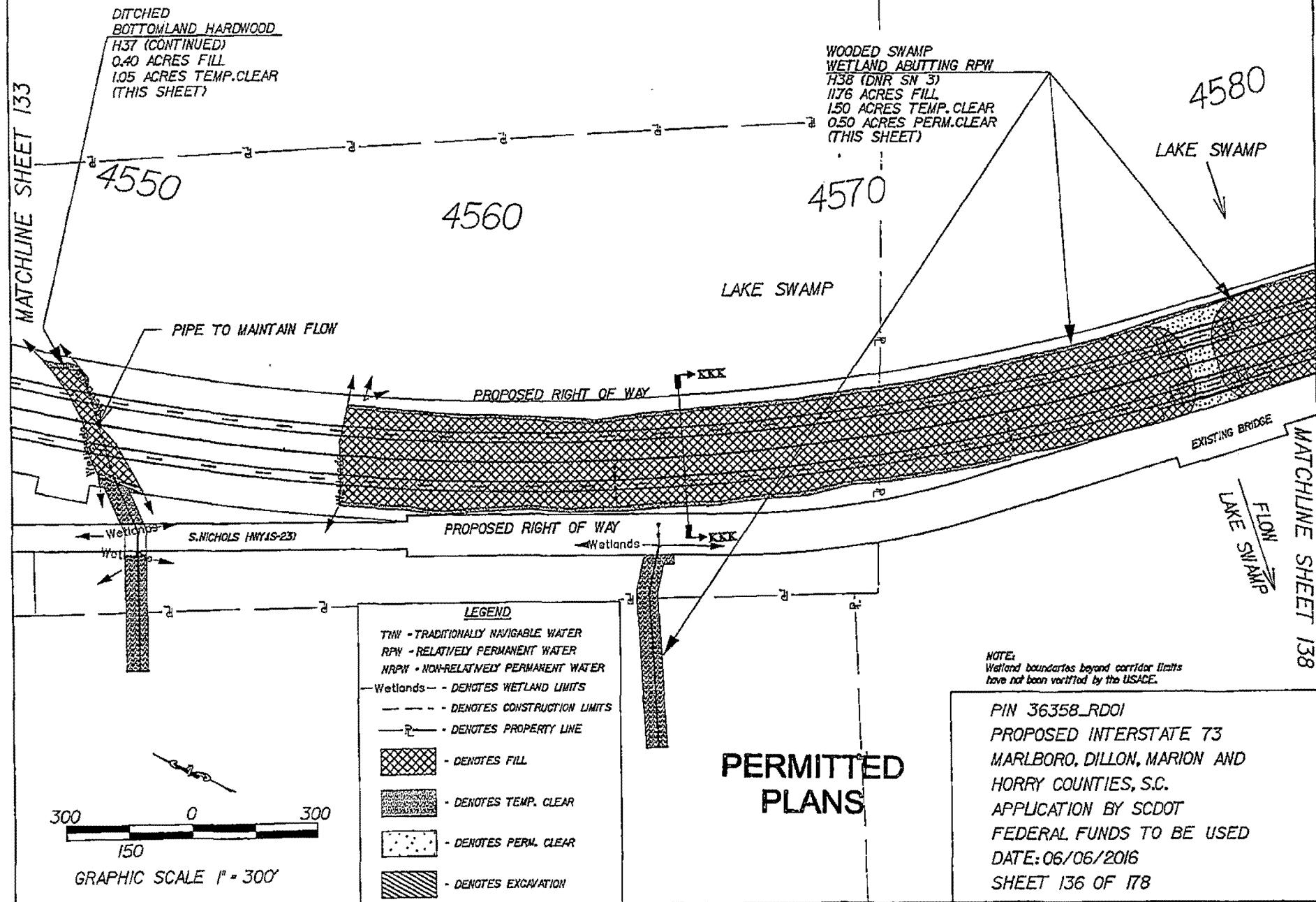


*GRAPHIC SCALE 1" = 50' HORIZ.*

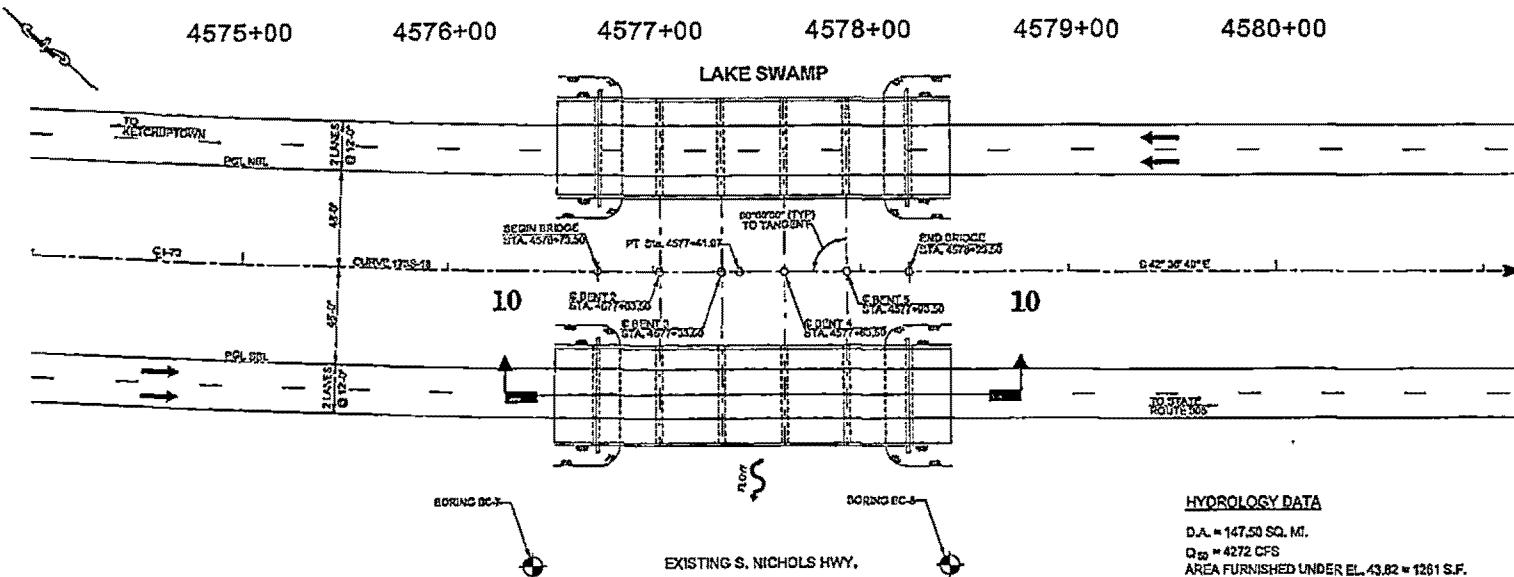
# PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 135 OF 178

PLAN VIEW



**PLAN & PROFILE VIEW**

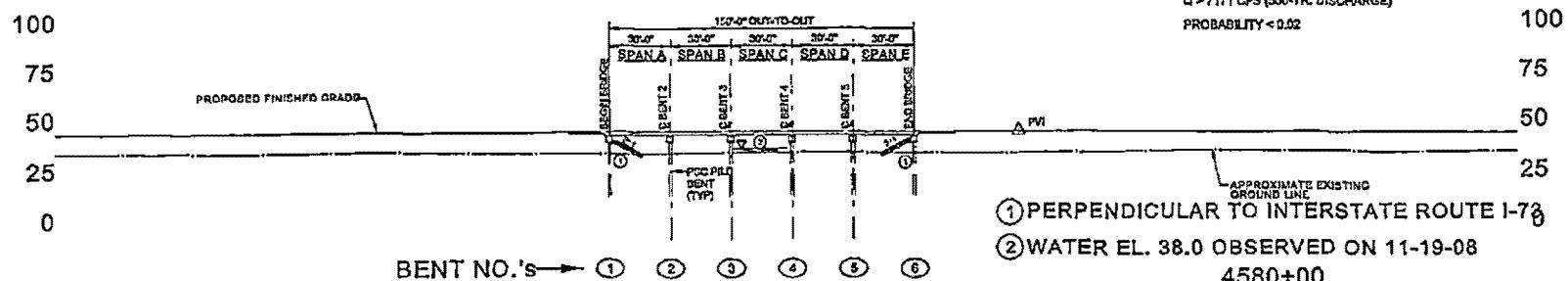


**HYDROLOGY DATA**

D.A. = 147.50 SQ. MI.  
 $Q_{50}$  = 4272 CFS  
 AREA FURNISHED UNDER EL. 43.82 = 1281 S.F.  
 $V_{50}$  = 3.4 FT/SEC.  
 $Q_{100}$  = 5103 CFS  
 AREA FURNISHED UNDER EL. 44.61 = 1380 F.  
 $V_{100}$  = 3.7 FT/SEC.  
 $BACKWATER_{100}$  = 0.64'

**OVERTOPPING FLOOD**

$Q > 7171$  CFS (500-YR. DISCHARGE)  
 PROBABILITY < 0.02



4575+00      4576+00      4577+00      4578+00      4579+00

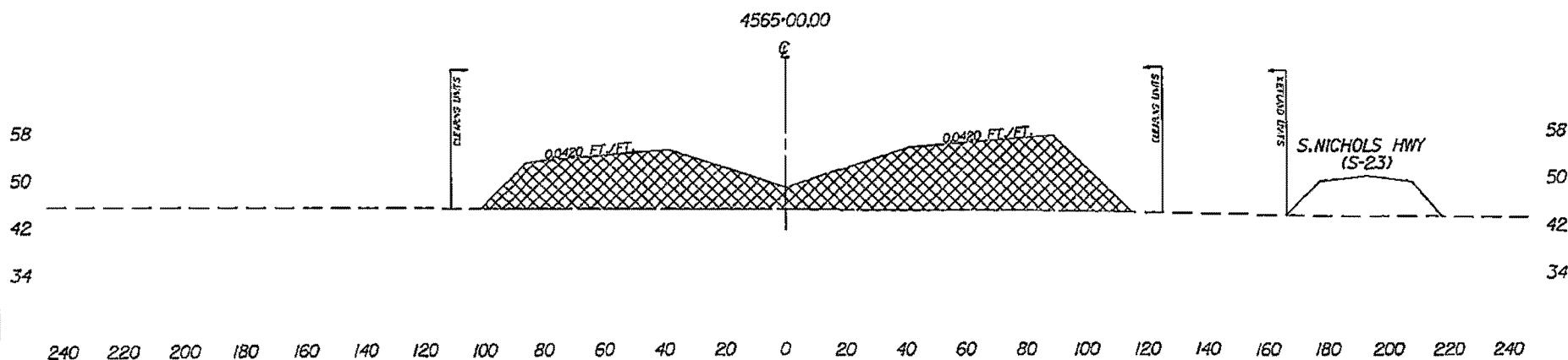
**PERMITTED PLANS**

**PROFILE**  
**10 - 10**

PIN 36358\_RDO!  
 PROPOSED INTERSTATE 73  
 MARLBORO, DILLON, MARION AND  
 Horry COUNTIES, S.C.  
 APPLICATION BY SCDOT  
 FEDERAL FUNDS TO BE USED  
 DATE: 06/06/2016  
 SHEET 136A OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION KKK-KKK

— - - DENOTES EXISTING GROUND LINE  
[diagonal hatching] - DENOTES FILL

50 0 50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

## PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 137 OF 178

## PLAN VIEW

H39 0.35 ACRES FILLED  
NON-REGULATED ISOLATED WATER

WEETLAND ABUTTING RPW  
H38 (CONT) (DNR SN 3)  
0.21 ACRES TEMP CLEAR  
0.12 ACRES PERMANENT CLEAR  
THIS SHEET

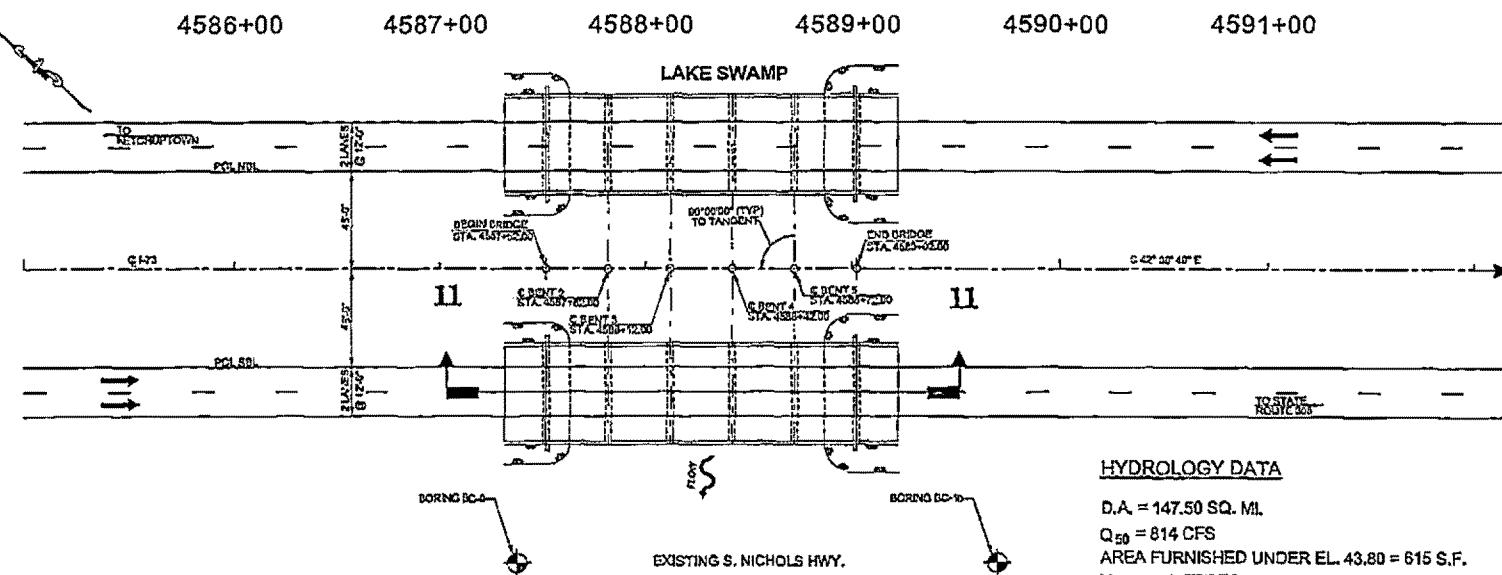
4590

LAKE SWAMP

SMITHOLS HWY. (S-23)  
EXISTING ROAD

MILL

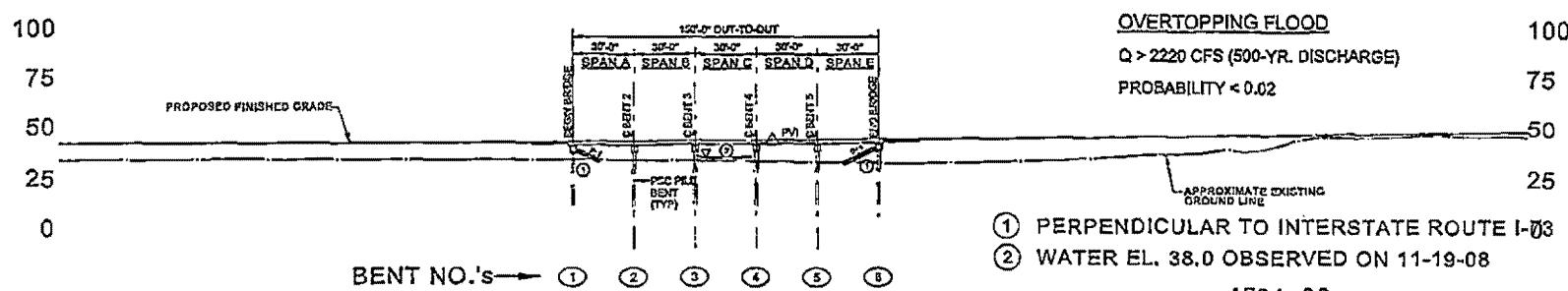
**PLAN & PROFILE VIEW**



PLAN

HYDROLOGY DATA

D.A. = 147.50 SQ. MI.  
 $Q_{50}$  = 814 CFS  
 AREA FURNISHED UNDER EL. 43.80 = 615 S.F.  
 $V_{50}$  = 1.3 FT/SEC.  
 $Q_{100}$  = 1100 CFS  
 AREA FURNISHED UNDER EL. 44.61 = 733.F.  
 $V_{100}$  = 1.5 FT/SEC.  
 $BACKWATER_{100}$  = 0.84'



4591+00

4586+00      4587+00      4588+00      4589+00      4590+00

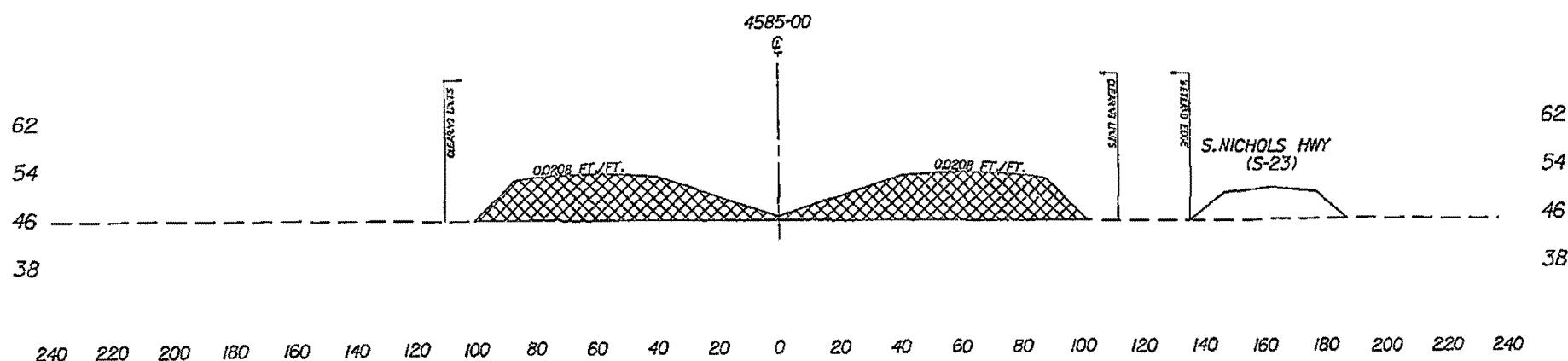
PROFILE  
11 - 11

**PERMITTED  
PLANS**

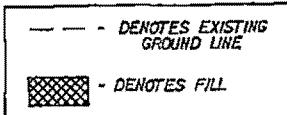
PIN 36358-RD01  
 PROPOSED INTERSTATE 73  
 MARLBORO, DILLON, MARION AND  
 Horry COUNTIES, S.C.  
 APPLICATION BY SCUDOT  
 FEDERAL FUNDS TO BE USED  
 DATE: 06/06/2016  
 SHEET 138A OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION LLL-LLL

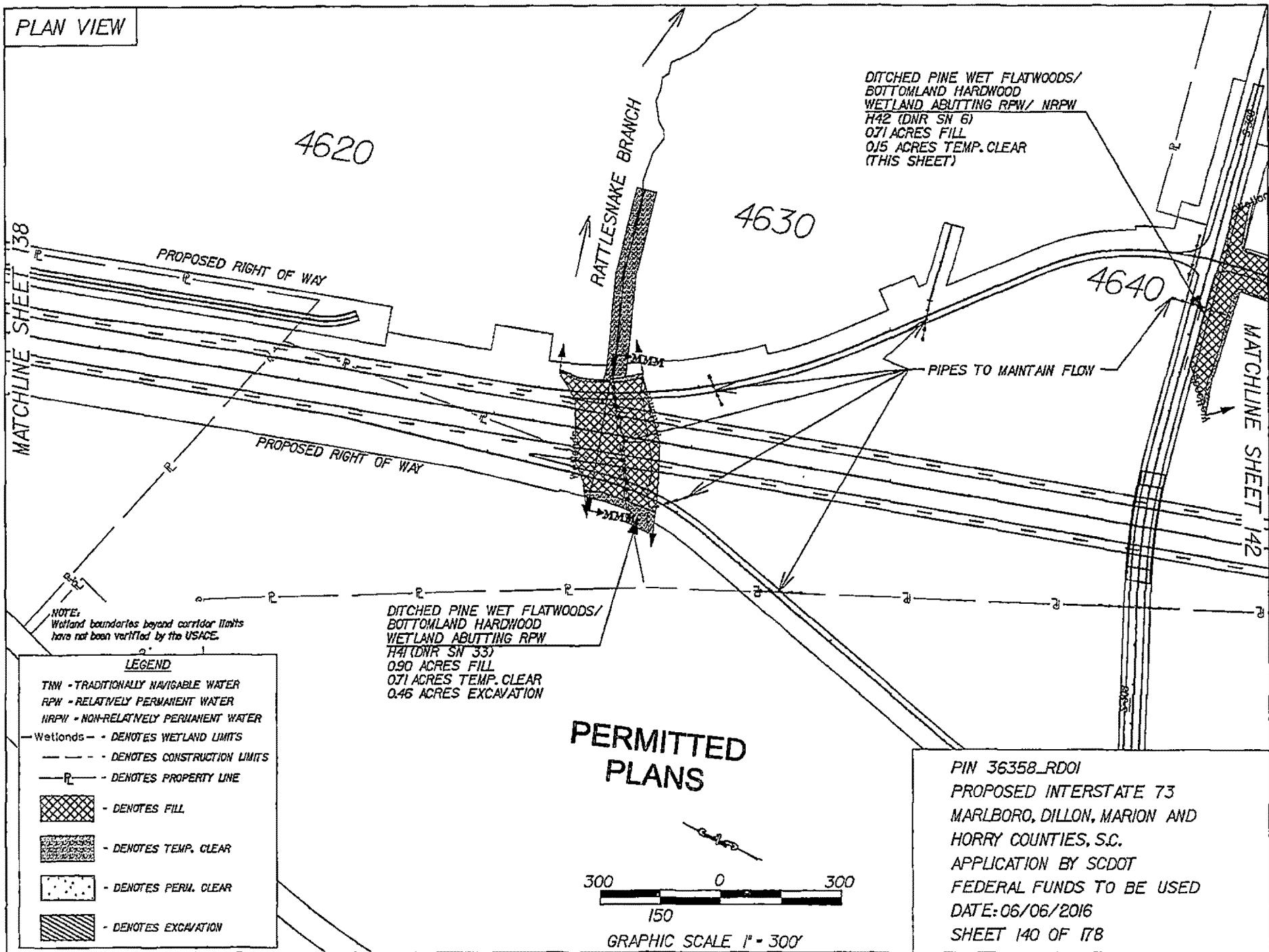


GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 139 OF 178

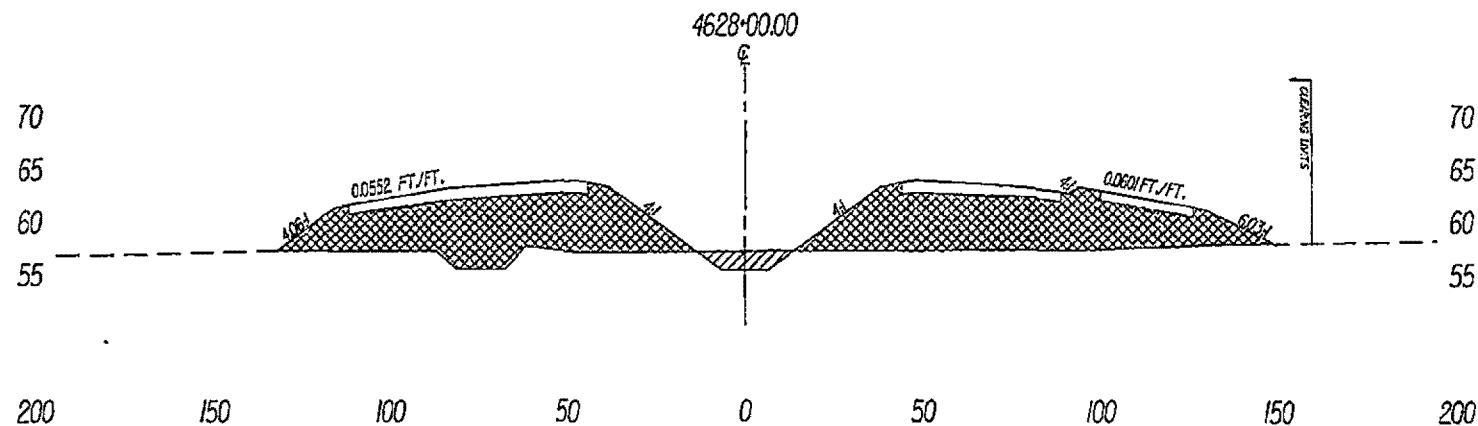
PLAN VIEW



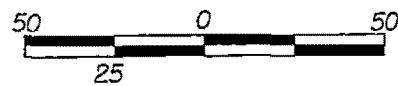
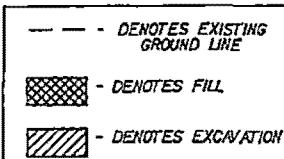
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS

CLEARING LIMITS EXTEND  
BEYOND LIMITS OF CORRIDOR



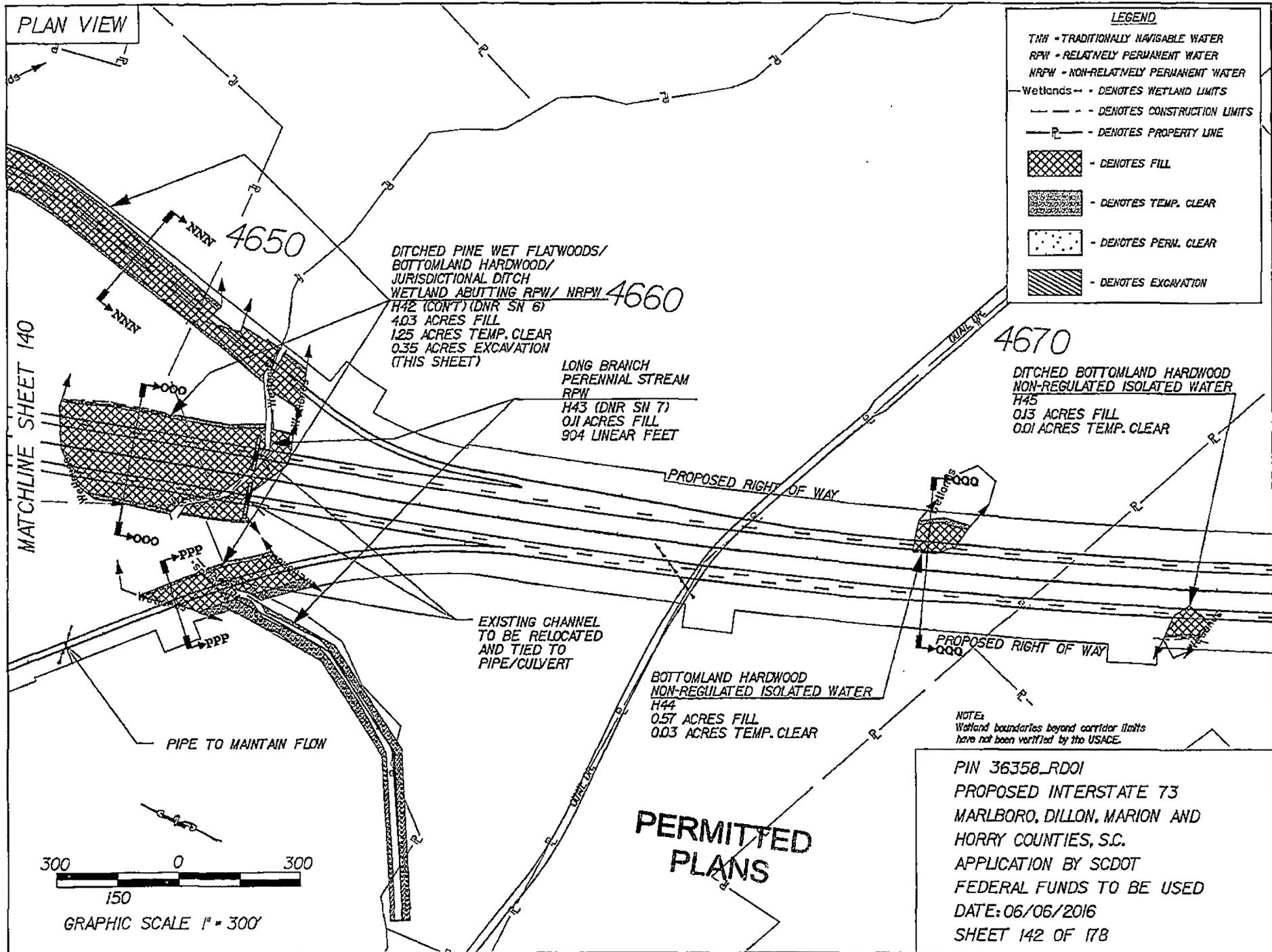
SECTION MMM-MMM



GRAPHIC SCALE 1" = 50' HORIZ.

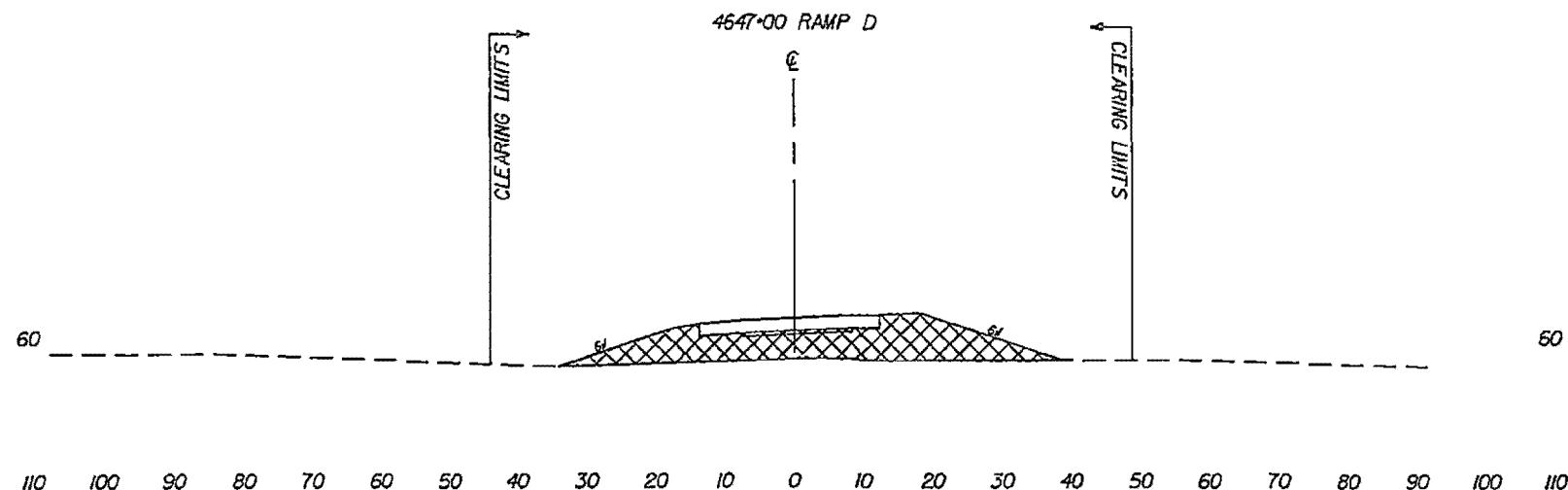
PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 141 OF 178



CROSS SECTION

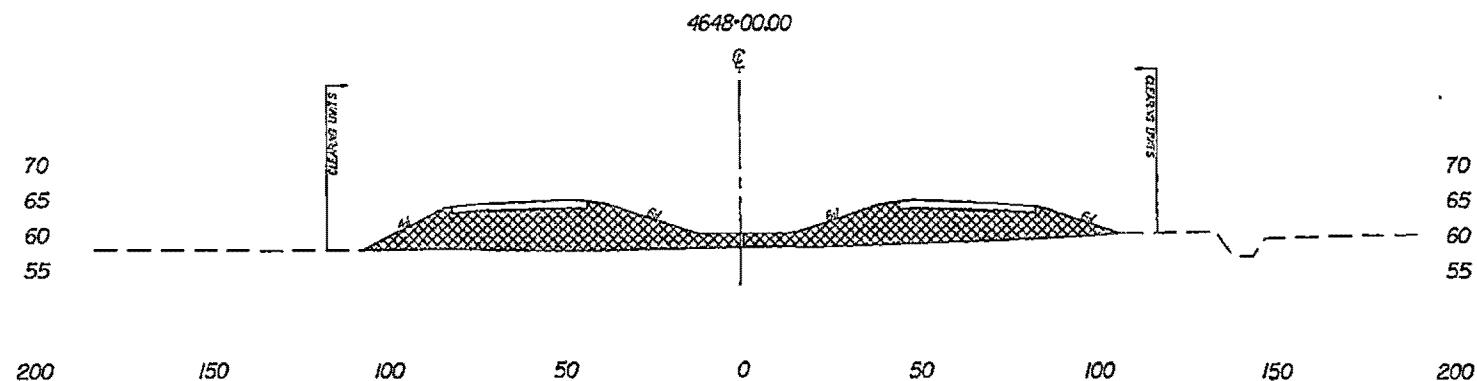
NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR UNITS



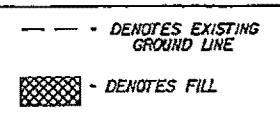
PIN 36358\_R001  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 143 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION 000-000



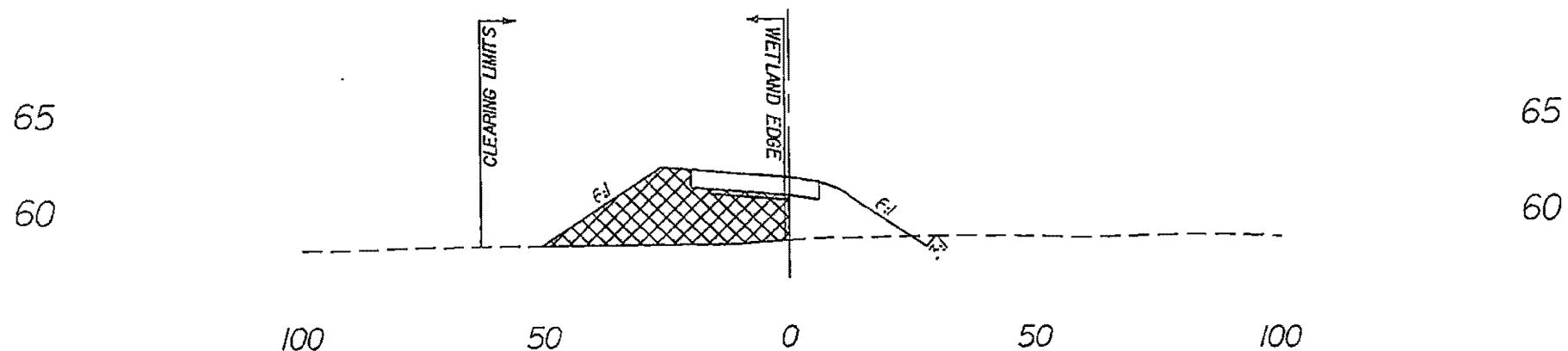
GRAPHIC SCALE 1" - 50' HORIZ.

PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 144 OF 178

CROSS SECTION

4649-00 RAMP C



SECTION PPP-PPP

— - - DENOTES EXISTING GROUND LINE  
[cross-hatch] - DENOTES FILL

25 0 25  
12.5

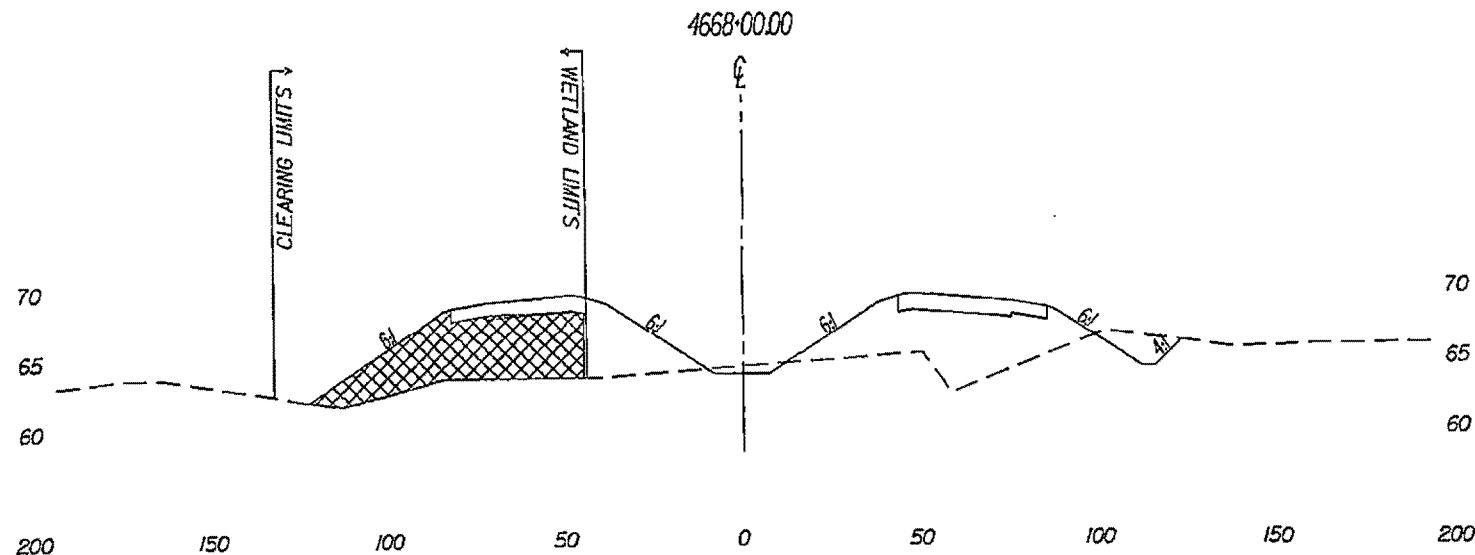
GRAPHIC SCALE 1" - 25' HORZ.

PERMITTED PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 145 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION QQQ-QQQ

— - - DENOTES EXISTING GROUND LINE  
[hatched box] - DENOTES FILL

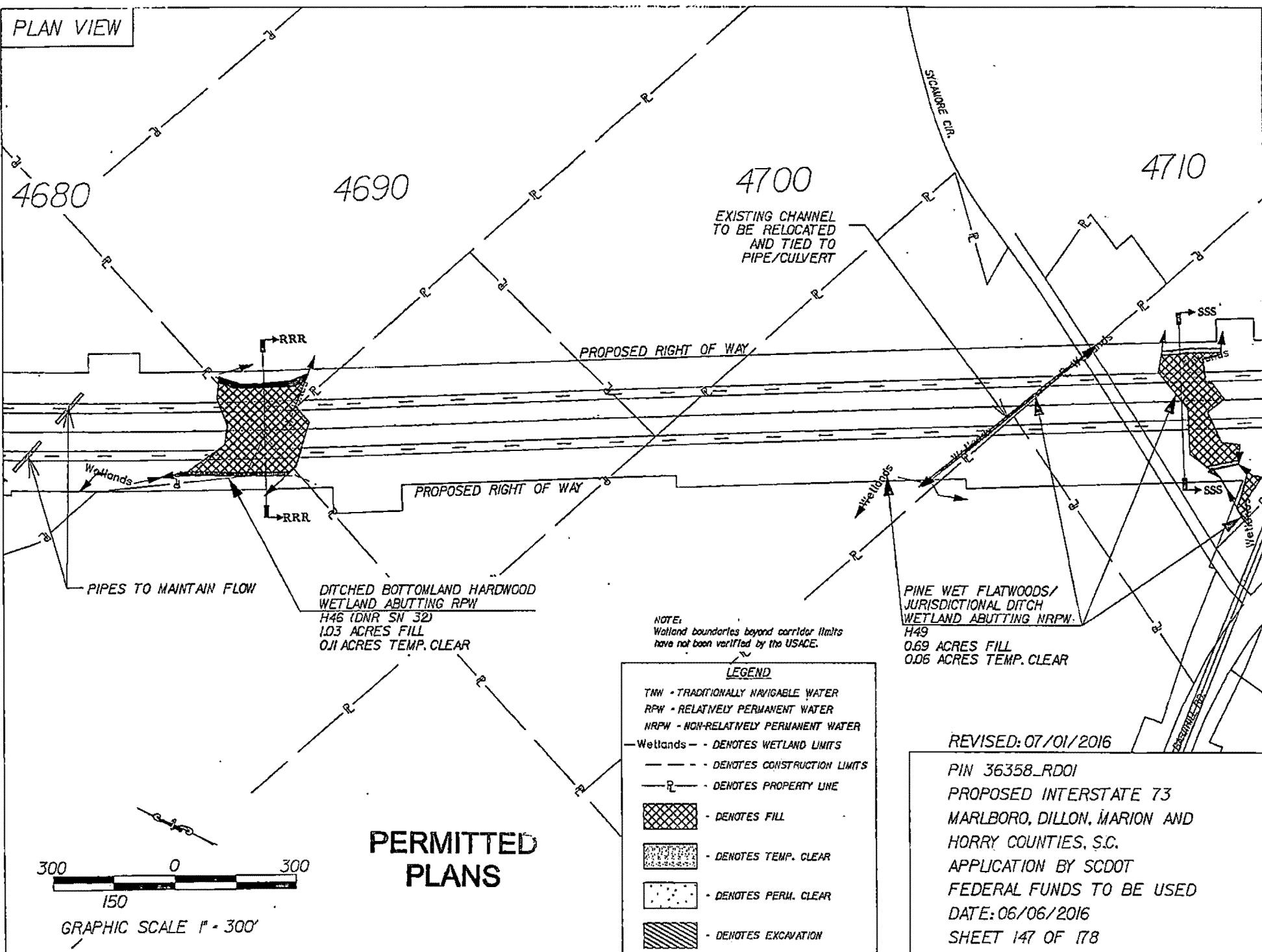
50 0 50  
25

GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

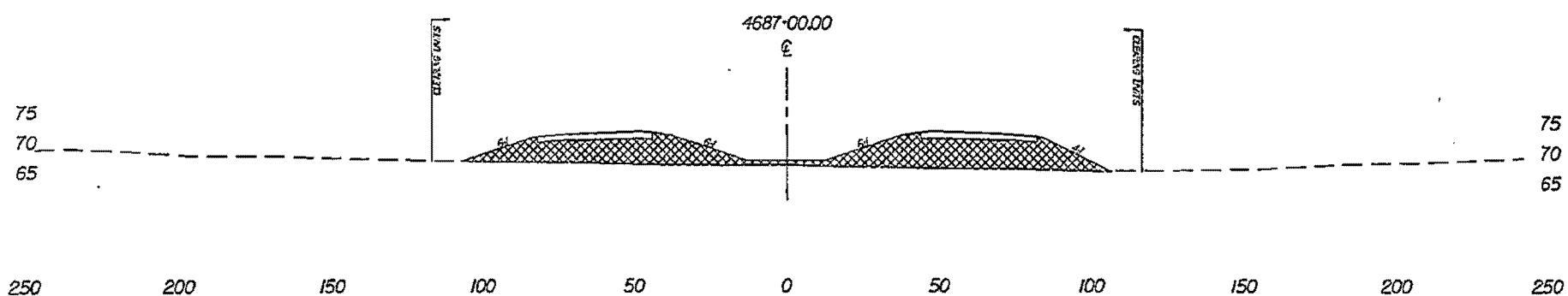
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 146 OF 178

PLAN VIEW



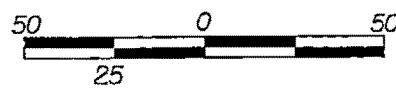
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION RRR-RRR

— - - DENOTES EXISTING  
GROUND LINE  
[hatched box] - DENOTES FILL



GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 148 OF 178

CROSS SECTION

NOTE: WETLAND UNITS EXTEND BEYOND CORRIDOR UNITS

4710-00-00

EASTING

90  
95  
85  
80  
75

SECTION SSS-SSS

200 150 100 50 0 50 100 150 200 250

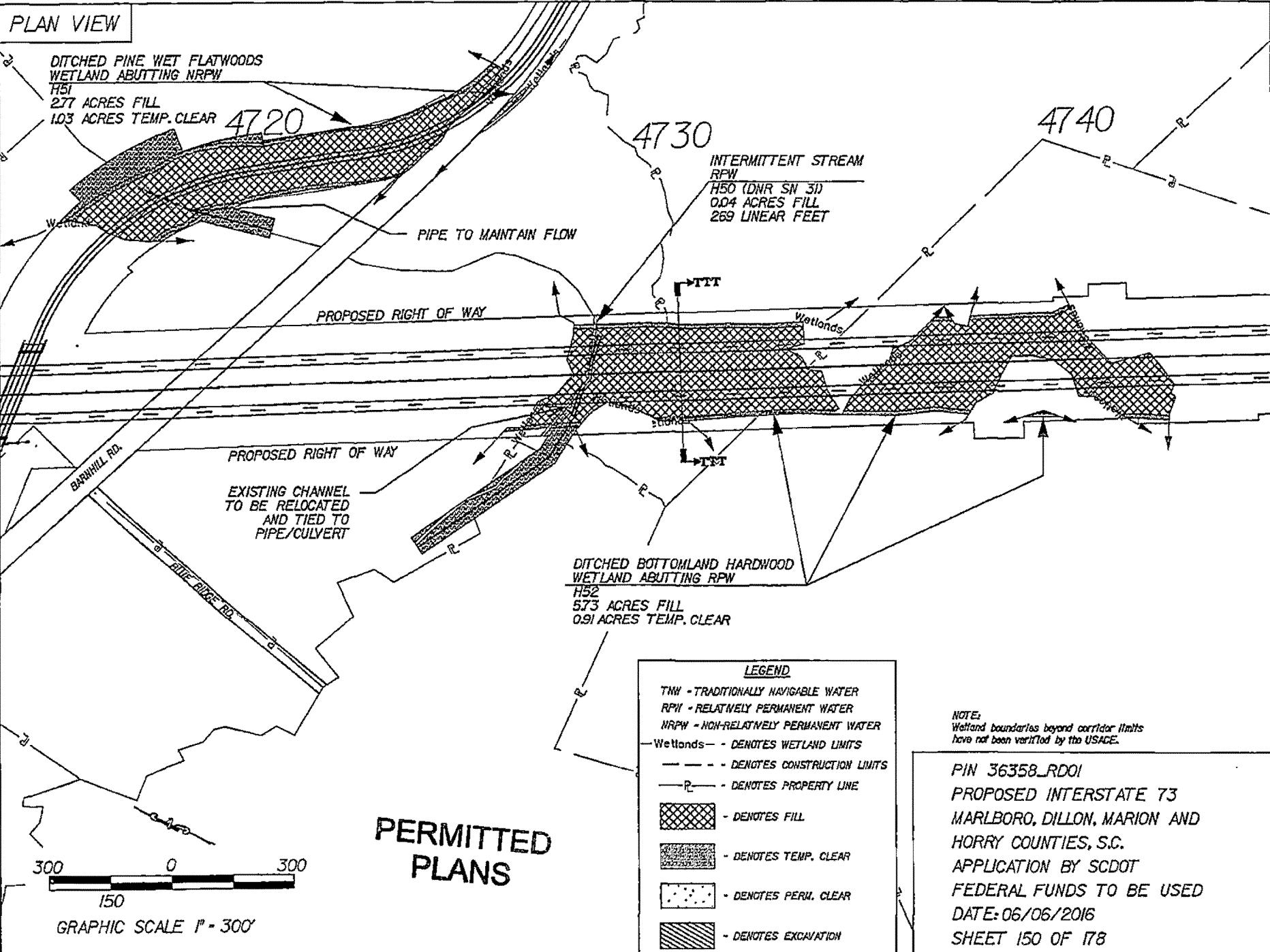
90  
95  
85  
80  
75

PERMITTE PLANS

PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, SC.  
APPLICATIION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 149 OF 178

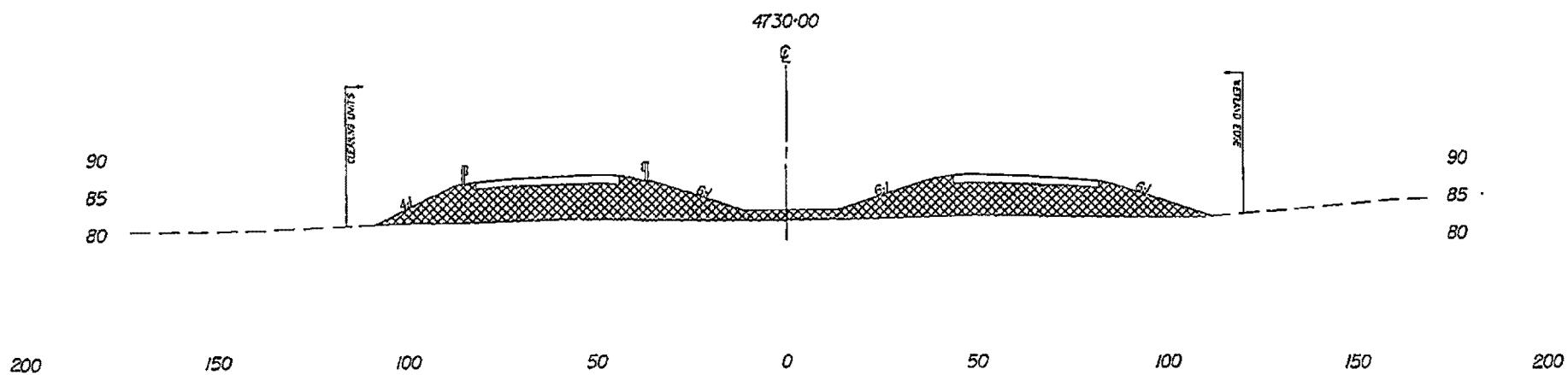
GRAPHIC SCALE 1" - 50 HORIZ.  
25  
50  
0  
50

— — - DENOTES EXISTING  
— — - DENOTES FILLED  
■ ■ ■ - GROUNDED LINE



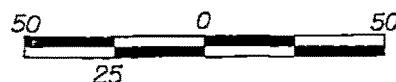
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION TTT-TTT

— — — DENOTES EXISTING  
GROUND LINE  
■ ■ ■ — DENOTES FILL



**PERMITTED  
PLANS**

GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 151 OF 178

PLAN VIEW

4750

PARTIALLY CLEARCUT  
REPLANTED PINE WET FLATWOOD  
WETLAND ABUTTING RPW

H54  
0.06 ACRES FILL  
0.02 ACRES TEMP. CLEAR

4760

PINE WET FLATWOOD  
WETLAND ABUTTING RPW  
H57  
0.86 ACRES FILL  
0.03 ACRES TEMP. CLEAR

INTERMITTENT STREAM  
RPW  
H59 (DNR SN 29)  
0.03 ACRES FILL  
340 LINEAR FEET

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

PROPOSED RIGHT OF WAY  
BOTTOMLAND HARDWOOD  
WETLAND ABUTTING RPW  
H56  
0.04 ACRES FILL  
0.77 ACRES TEMP. CLEAR

PROPOSED RIGHT OF WAY

PIPES TO MAINTAIN FLOW

PARTIALLY CLEARCUT  
REPLANTED PINE WET FLATWOOD  
WETLAND ABUTTING RPW  
H55 (DNR SN 30)  
5.59 ACRES FILL  
1.25 ACRES TEMP. CLEAR

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

LEGEND

- TNW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - DENOTES WETLAND UNITS
- - - DENOTES CONSTRUCTION LIMITS
- P - DENOTES PROPERTY LINE
- [Hatched Box] - DENOTES FILL
- [Cross-hatched Box] - DENOTES TEMP. CLEAR
- [Dotted Box] - DENOTES PERM. CLEAR
- [Diagonal-hatched Box] - DENOTES EXCAVATION

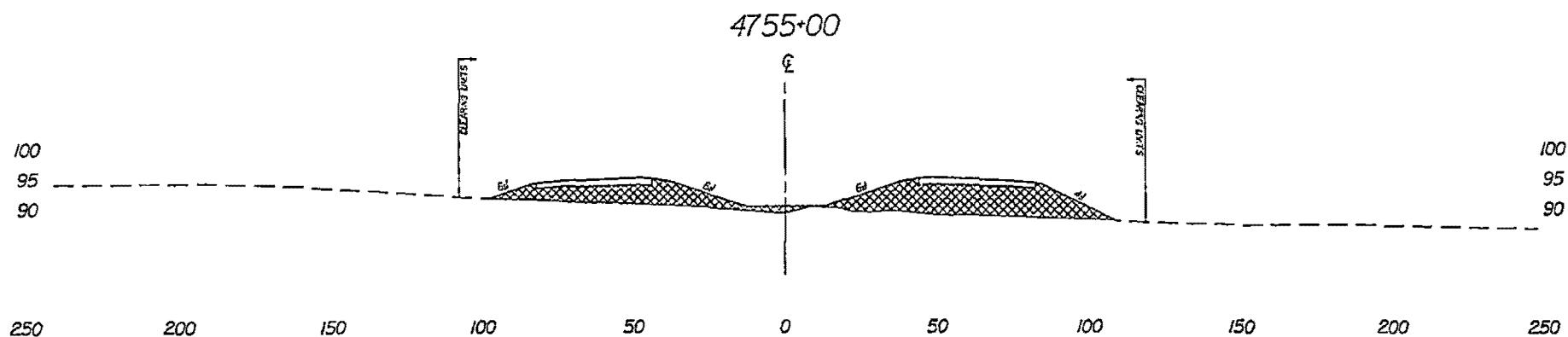
300 0 300  
150  
GRAPHIC SCALE 1" = 300'

PERMITTED  
PLANS

PIN 36358-RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 152 OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



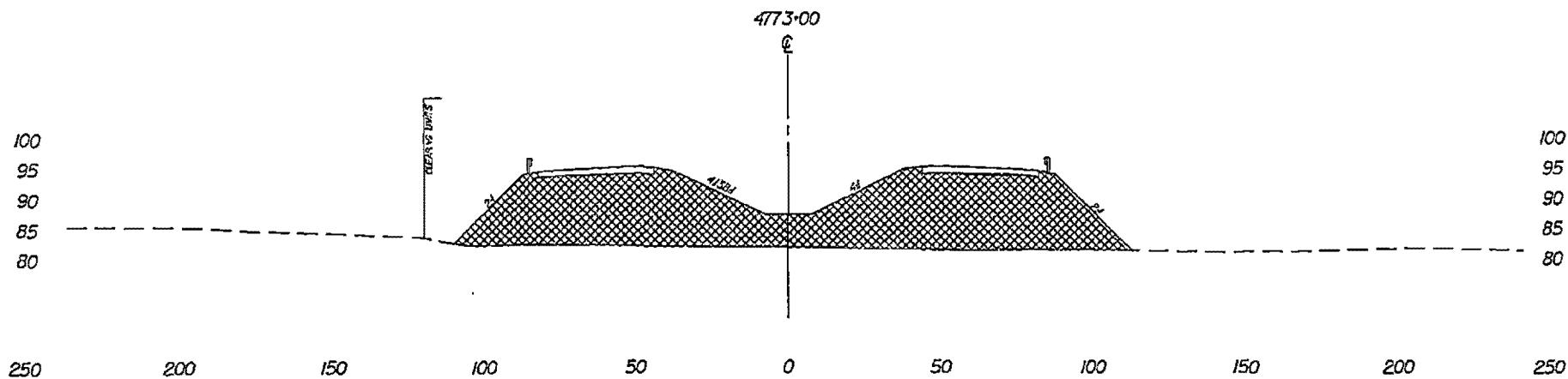
PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 153 OF 178

## CROSS SECTION

**NOTE:**  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR LIMITS

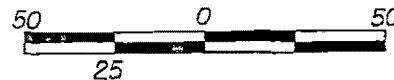
**CLEARING UNITS EXTEND BEYOND CORRIDOR**



SECTION VV-VV

— — - DENOTES EXISTING  
GROUND LINE

 - DENOTES FILL



GRAPHIC SCALE 1" = 50' HORIZ.

## **PERMITTED PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 154 OF 178

PLAN VIEW

4790

4800

JURISDICTIONAL POINTS  
RPW  
H60  
NO IMPACT

PINE WET FLATWOOD  
WETLAND ADJACENT TO RPI  
H63  
1/2 ACRES FILL  
0.28 ACRES TEMP. CLEAR  
(THIS SHEET) /

**PIPE TO MAINTAIN FLOW**

4810

PROPOSED RIGHT OF WAY

JOINER SWAMPS

**LEGEND**

TNW - TRADITIONALLY NAVIGABLE WATER  
RPW - RELATIVELY PERMANENT WATER  
NRPW - NON-RELATIVELY PERMANENT WATER  
Wetlands - - DENOTES WETLAND UNITS

—Wetlands— - DENOTES WETLAND UNITS

— — - DENOTES CONSTRUCTION UNITS

 - DENOTES FILL

 - DENOTES TEMP. CLEAR

- DENOTES PERU. CLEAR

 - DENOTES EXCAVATION

## **PERMITTED PLANS**

*NOTE:*  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

GRAPHIC SCALE 1" - 300'

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 155 OF 178

PLAN & PROFILE VIEW

4795+00

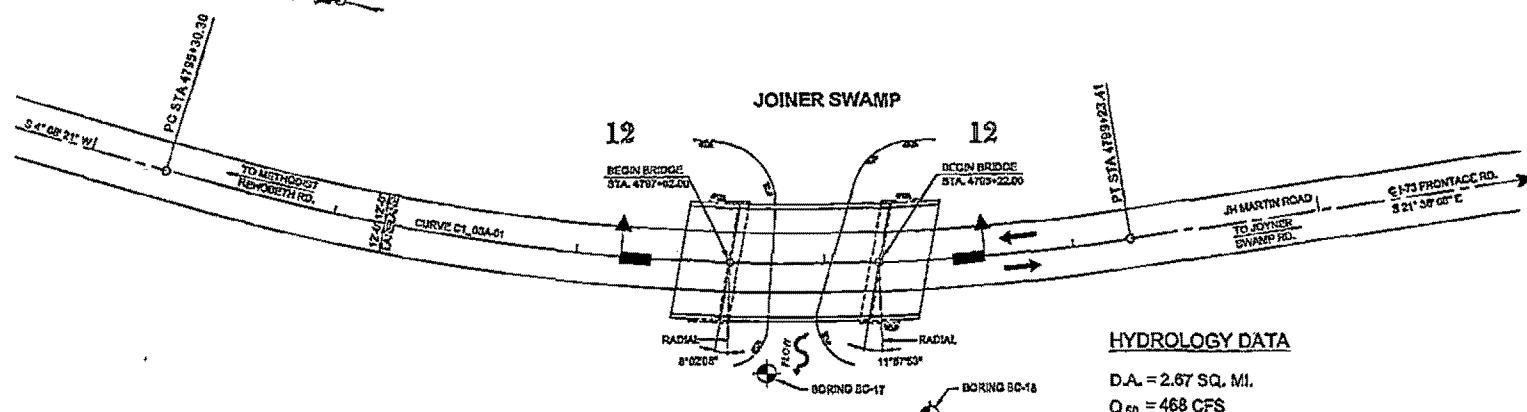
4796+00

4797+00

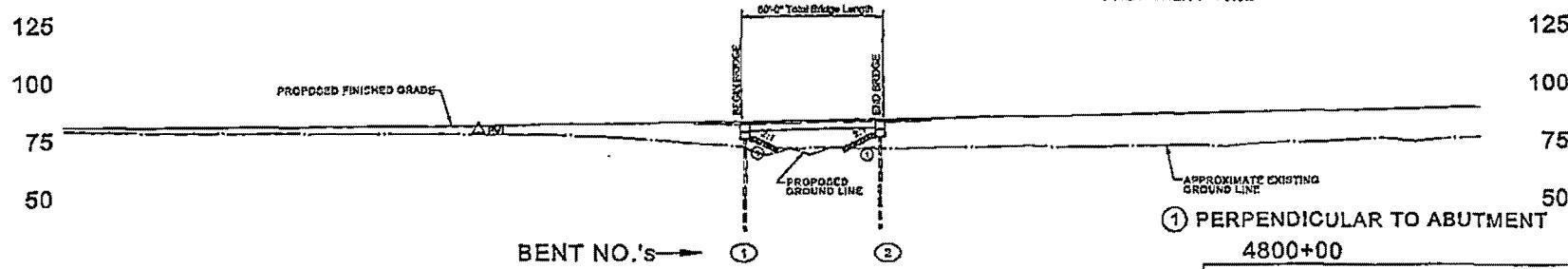
4798+00

4799+00

4800+00



PLAN



4795+00

4796+00

4797+00

4798+00

4799+00

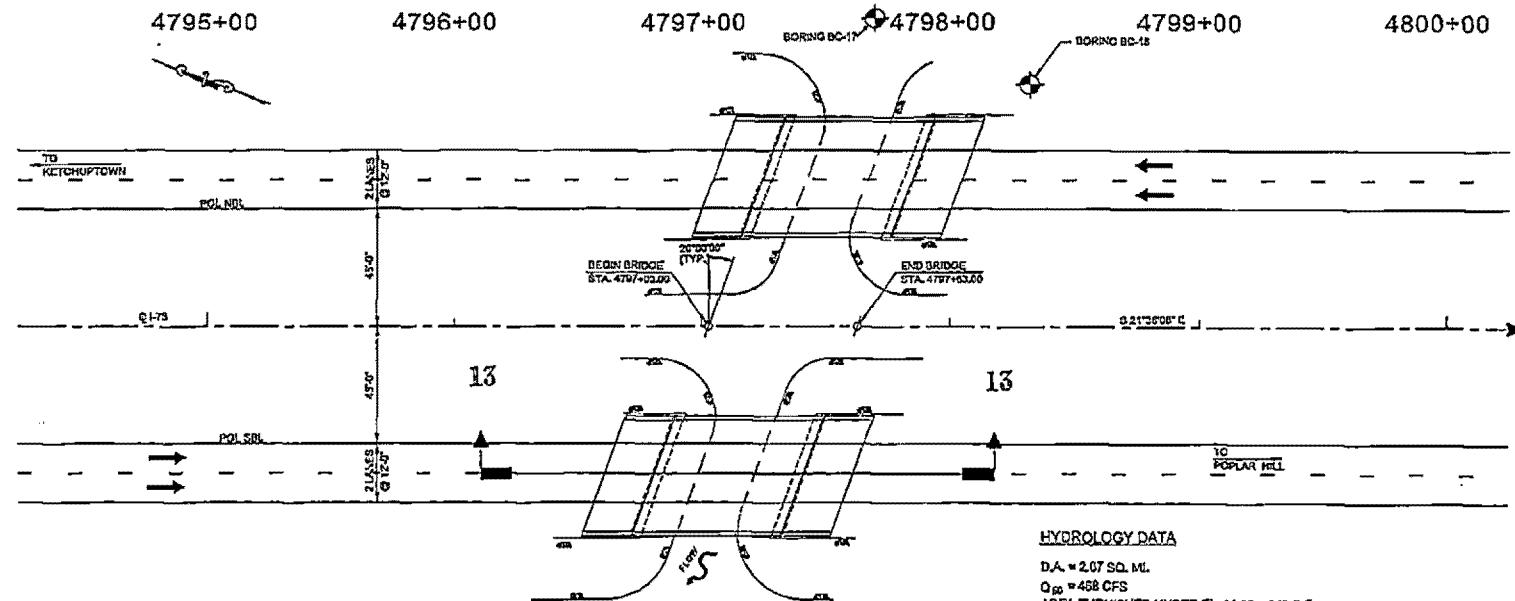
① PERPENDICULAR TO ABUTMENT  
4800+00

PIN 36358\_RDO!  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 155A OF 178

**PERMITTED  
PLANS**

PROFILE  
12 - 12

**PLAN & PROFILE VIEW**

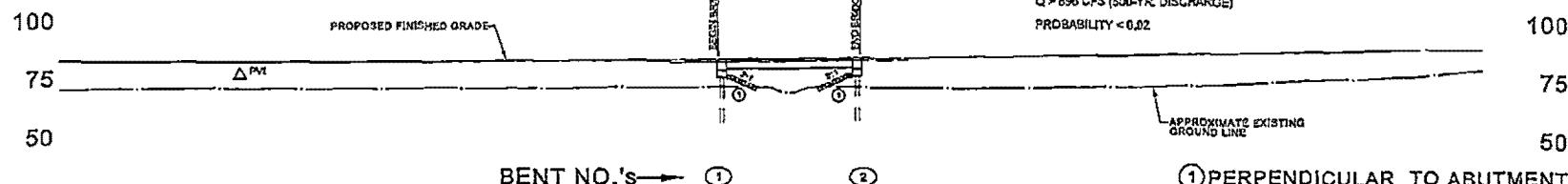


**HYDROLOGY DATA**

D.A. = 2.07 SQ. MI.  
 $Q_{50} = 458 \text{ CFS}$   
 AREA FURNISHED UNDER EL. 80.02 = 212 S.F.  
 $V_{50} = 2.8 \text{ FT/SEC.}$   
 $Q_{100} = 579 \text{ CFS}$   
 AREA FURNISHED UNDER EL. 80.54 = 243 S.F.  
 $V_{100} = 3.20 \text{ FT/SEC.}$   
 BACKWATER  $Z_{100} = -1.83'$

**OVERTOPPING FLOOD**

$Q > 896 \text{ CFS}$  (500-YR. DISCHARGE)  
 PROBABILITY < 0.02



① PERPENDICULAR TO ABUTMENT

4795+00      4796+00      4797+00      4798+00

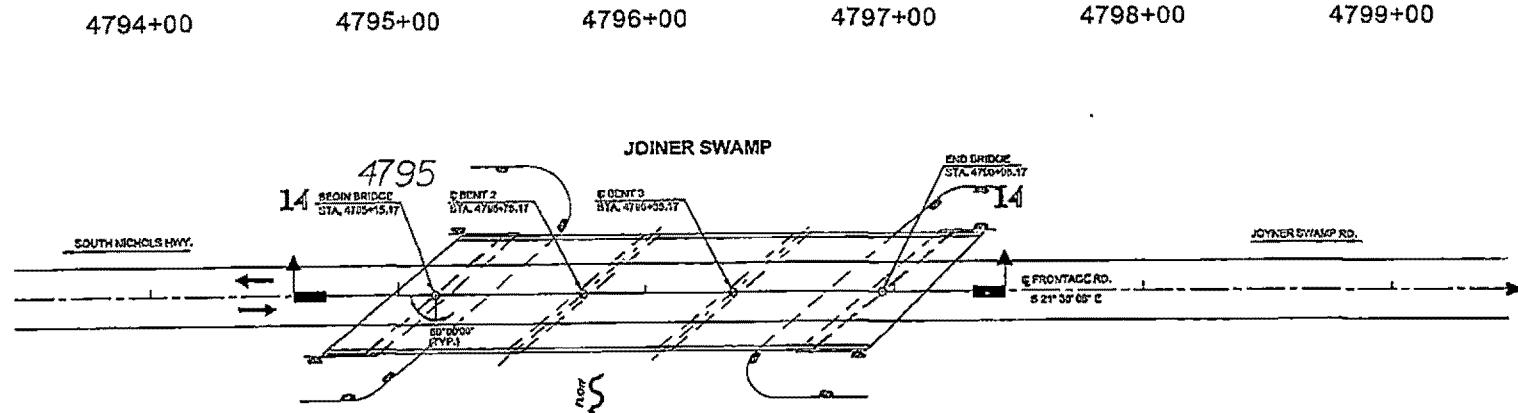
**PERMITTED  
PLANS**

**PROFILE**  
13 - 13

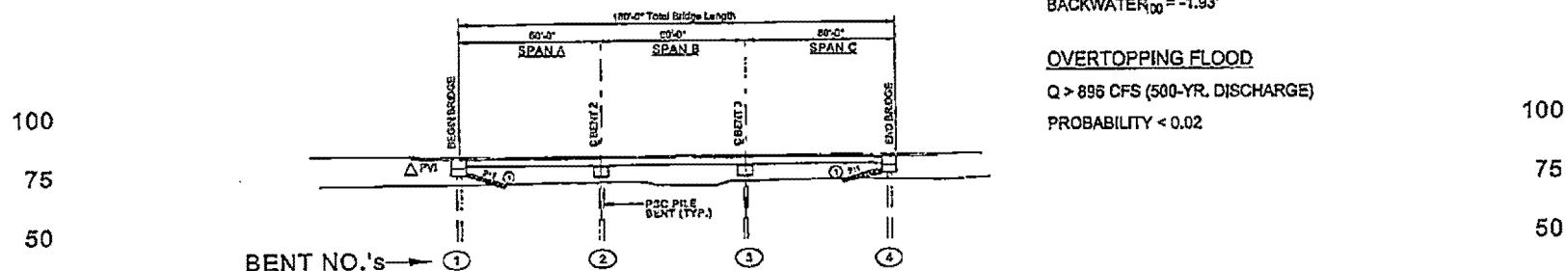
4799+00      4800+00

<p>PIN 36358_R001  <b>PROPOSED INTERSTATE 73</b>  <b>MARLBORO, DILLON, MARION AND</b>  <b>HORRY COUNTIES, S.C.</b>  <b>APPLICATION BY SCDOT</b>  <b>FEDERAL FUNDS TO BE USED</b>  <b>DATE: 06/06/2016</b>  <b>SHEET 155B OF 178</b></p>
---

**PLAN & PROFILE VIEW**



**PLAN**



**HYDROLOGY DATA**

D.A. = 2.57 SQ. MI.  
 $Q_{50}$  = 468 CFS  
 AREA FURNISHED UNDER EL. 80.02 = 212 S.F.  
 $V_{50}$  = 2.8 FT/SEC.  
 $Q_{100}$  = 579 CFS  
 AREA FURNISHED UNDER EL. 80.64 = 243 S.F.  
 $V_{100}$  = 3.20 FT/SEC.  
 $BACKWATER_{50}$  = -1.93'

**OVERTOPPING FLOOD**

$Q > 895$  CFS (500-YR. DISCHARGE)  
 PROBABILITY < 0.02

100

75

50

① PERPENDICULAR TO ABUTMENT

4799+00

P/N 36358\_RDOI  
 PROPOSED INTERSTATE 73  
 MARLBORO, DILLON, MARION AND  
 Horry COUNTIES, S.C.  
 APPLICATION BY SCDDOT  
 FEDERAL FUNDS TO BE USED  
 DATE: 06/06/2016  
 SHEET 155C OF 178

4794+00

4795+00

4796+00

4797+00

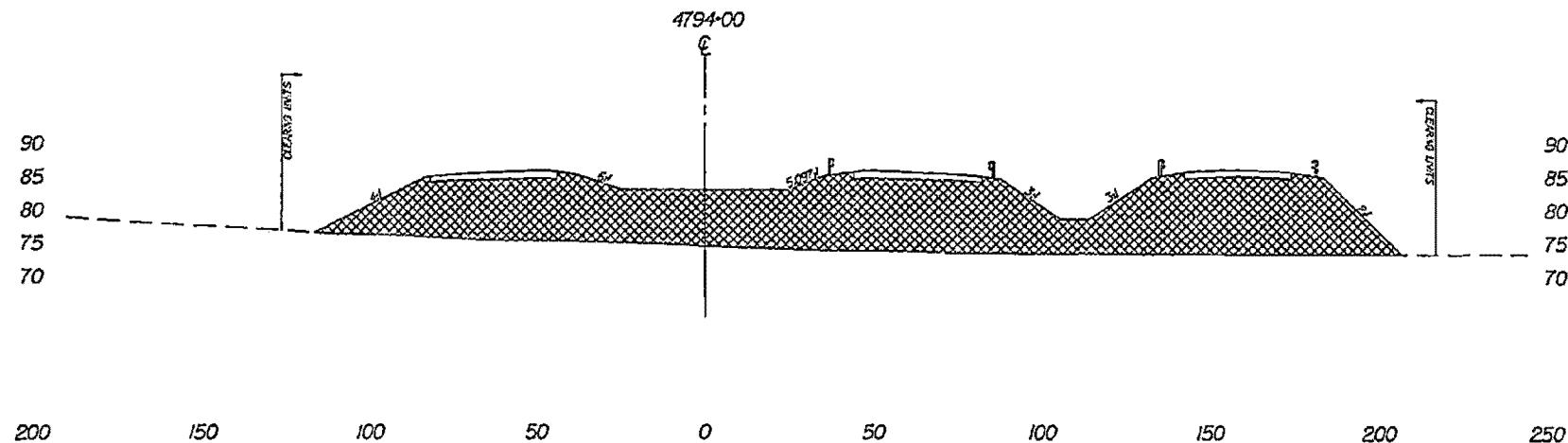
4798+00

**PROFILE**  
14 - 14

**PERMITTED  
PLANS**

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR UNITS



SECTION WWW-WWW

— — - DENOTES EXISTING  
GROUND LINE  
■ ■ ■ - DENOTES FILL

50 0 50

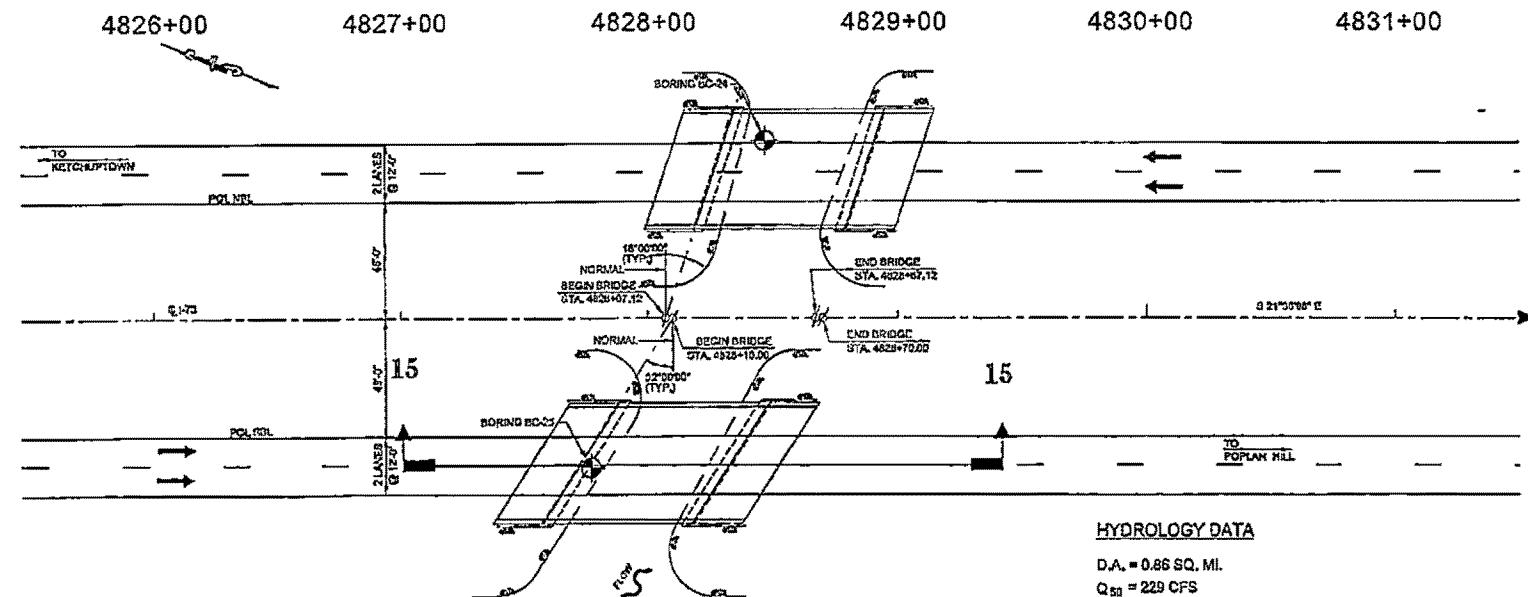
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

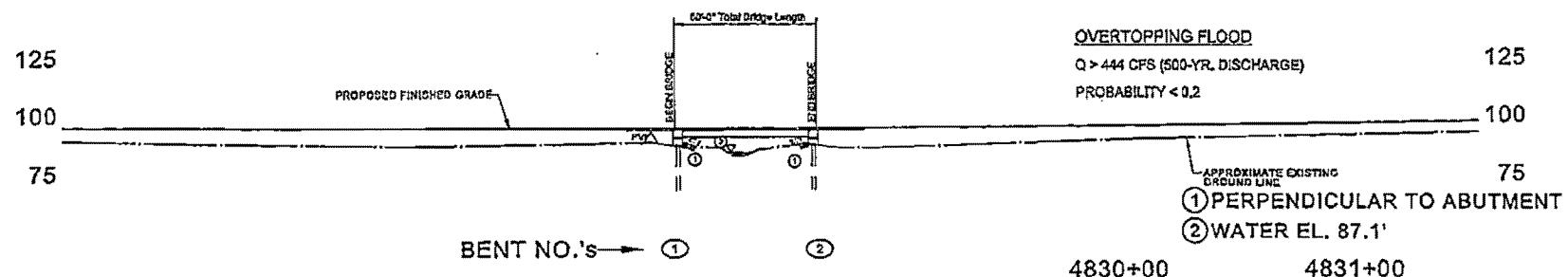
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 156 OF 178



**PLAN & PROFILE VIEW**



**PLAN**



4826+00      4827+00      4828+00      4829+00

**PERMITTED  
PLANS**

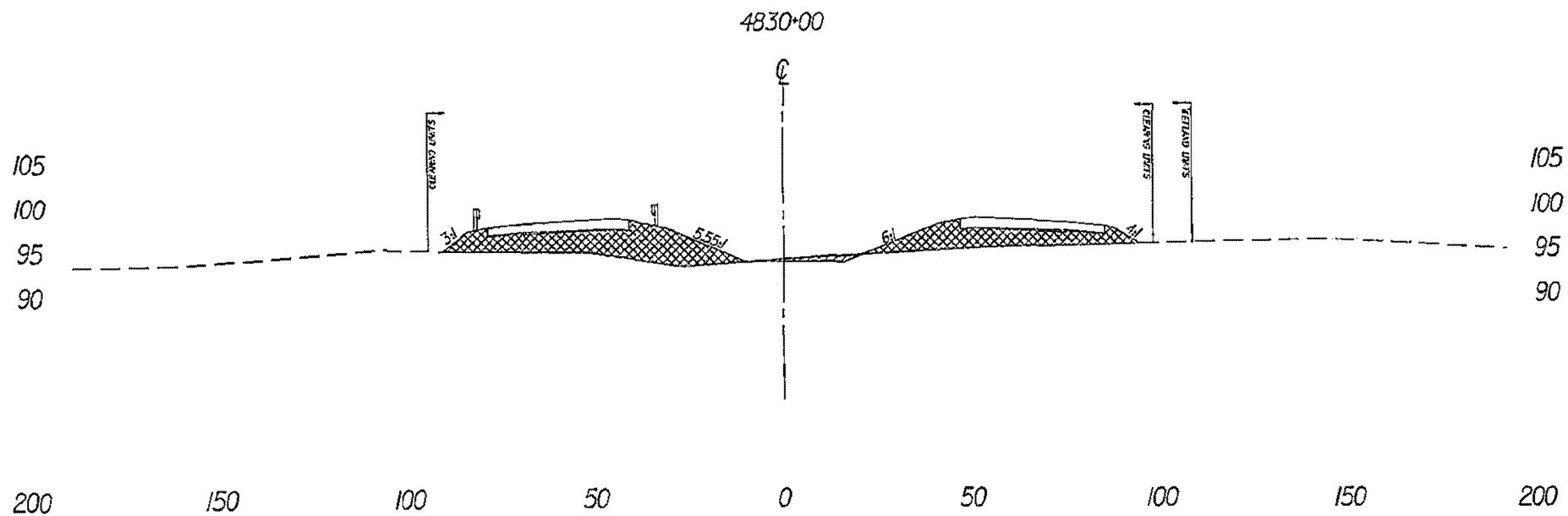
**PROFILE  
15 - 15**

4830+00      4831+00

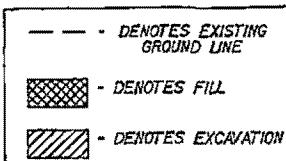
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 157A OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



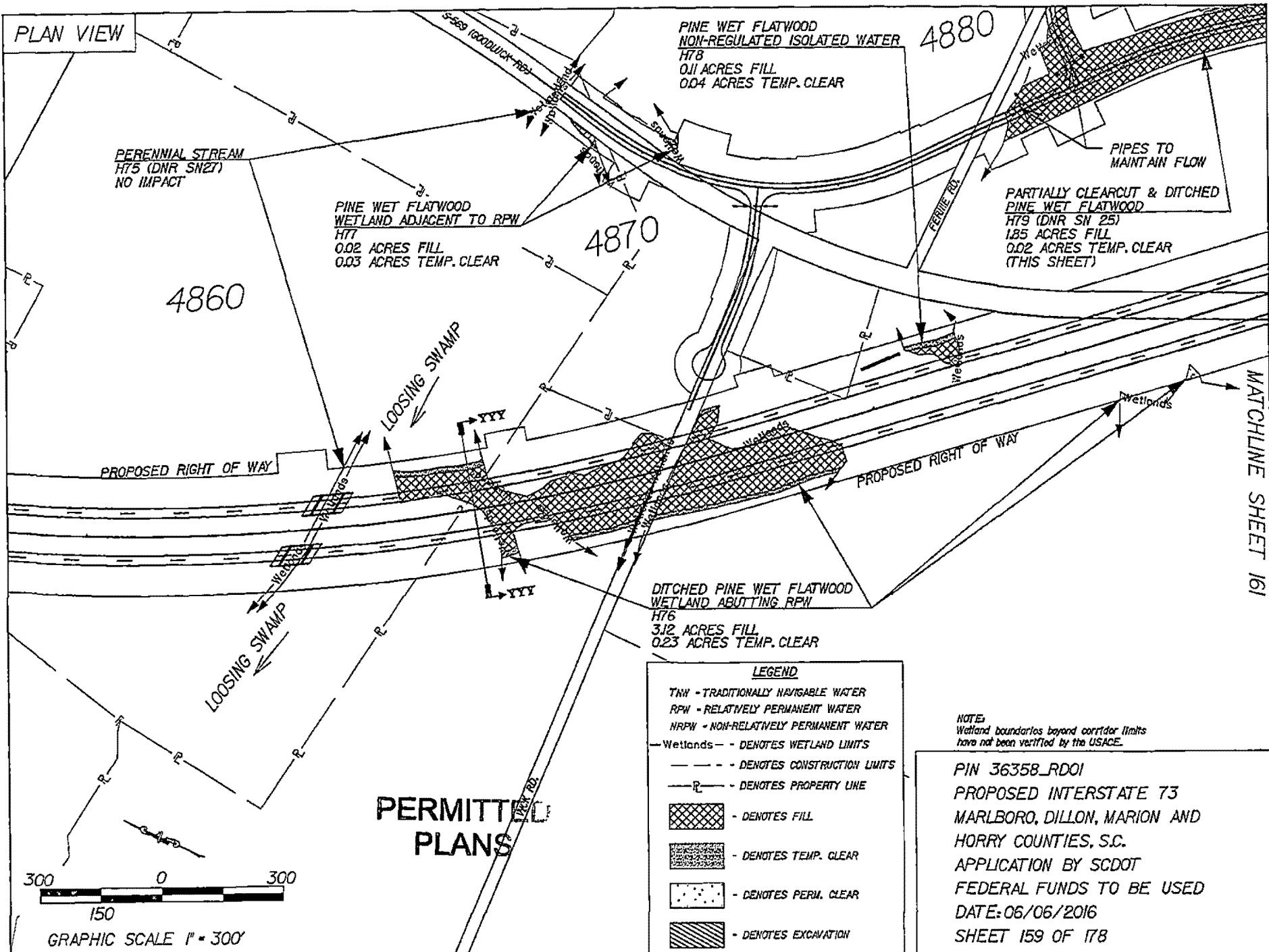
SECTION XXX-XXX



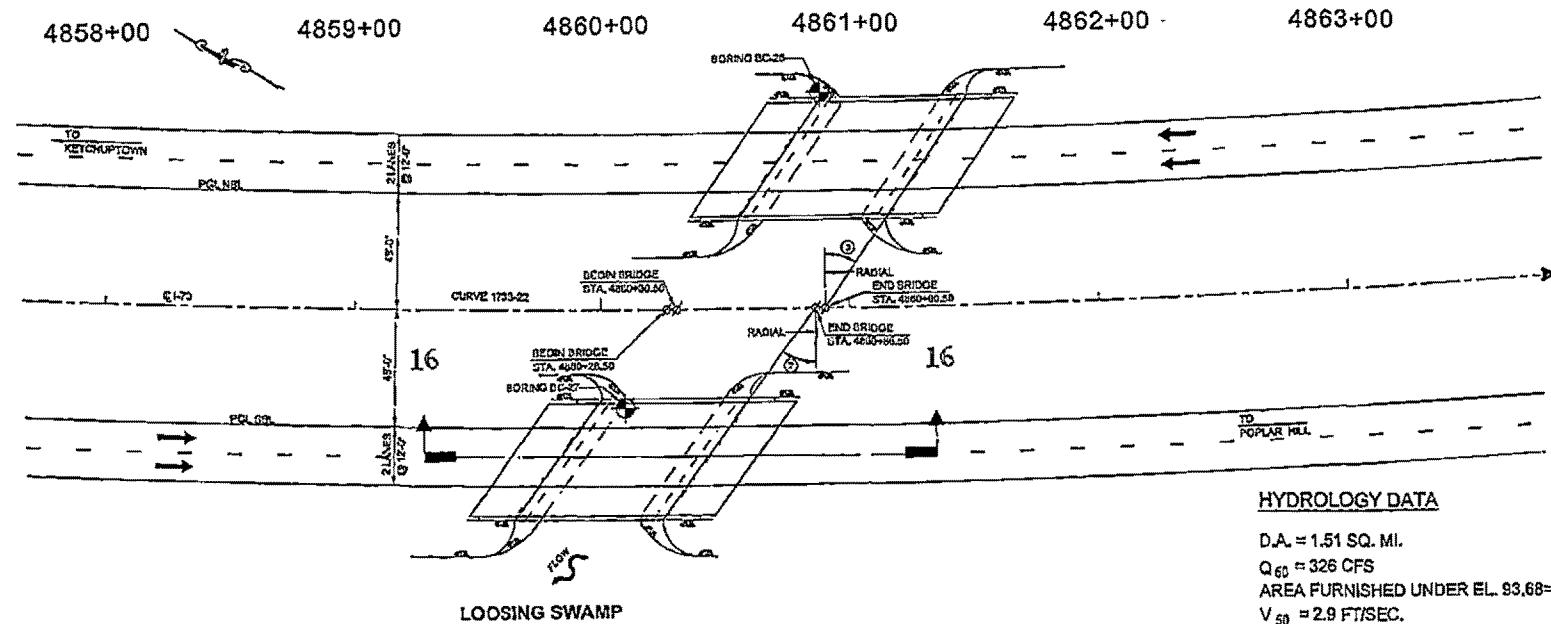
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

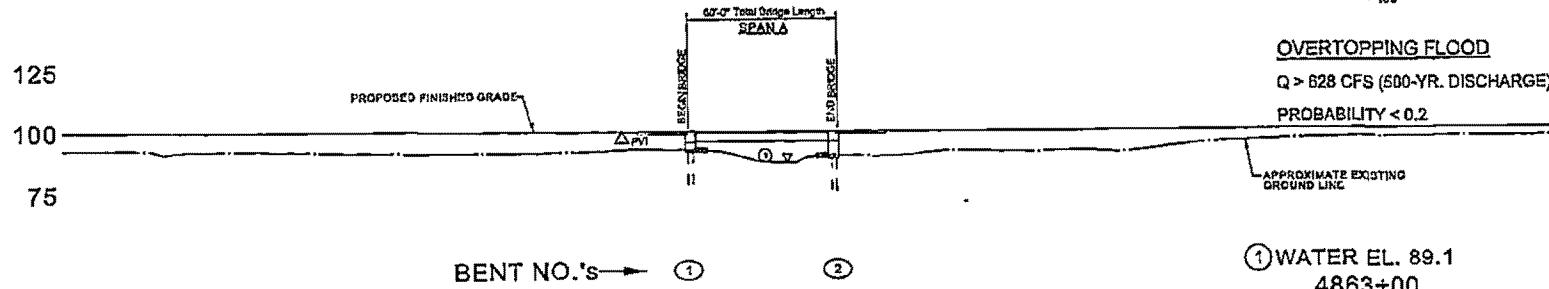
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 158 OF 178



**PLAN & PROFILE VIEW**



PLAN



4858+00      4859+00      4860+00      4861+00      4862+00

**PERMITTED  
PLANS**

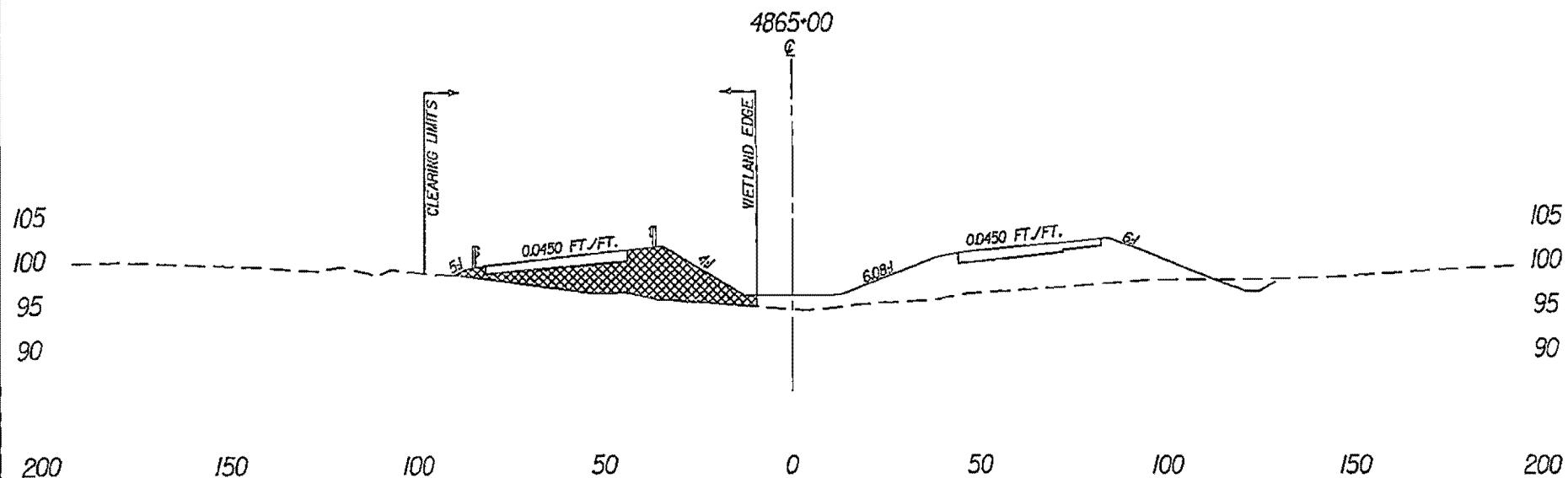
PROFILE  
16 - 16

① WATER EL. 89.1  
4863+00

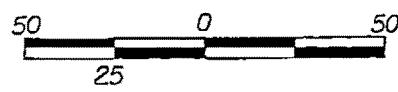
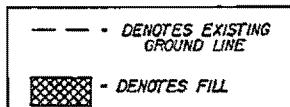
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 159A OF 178

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



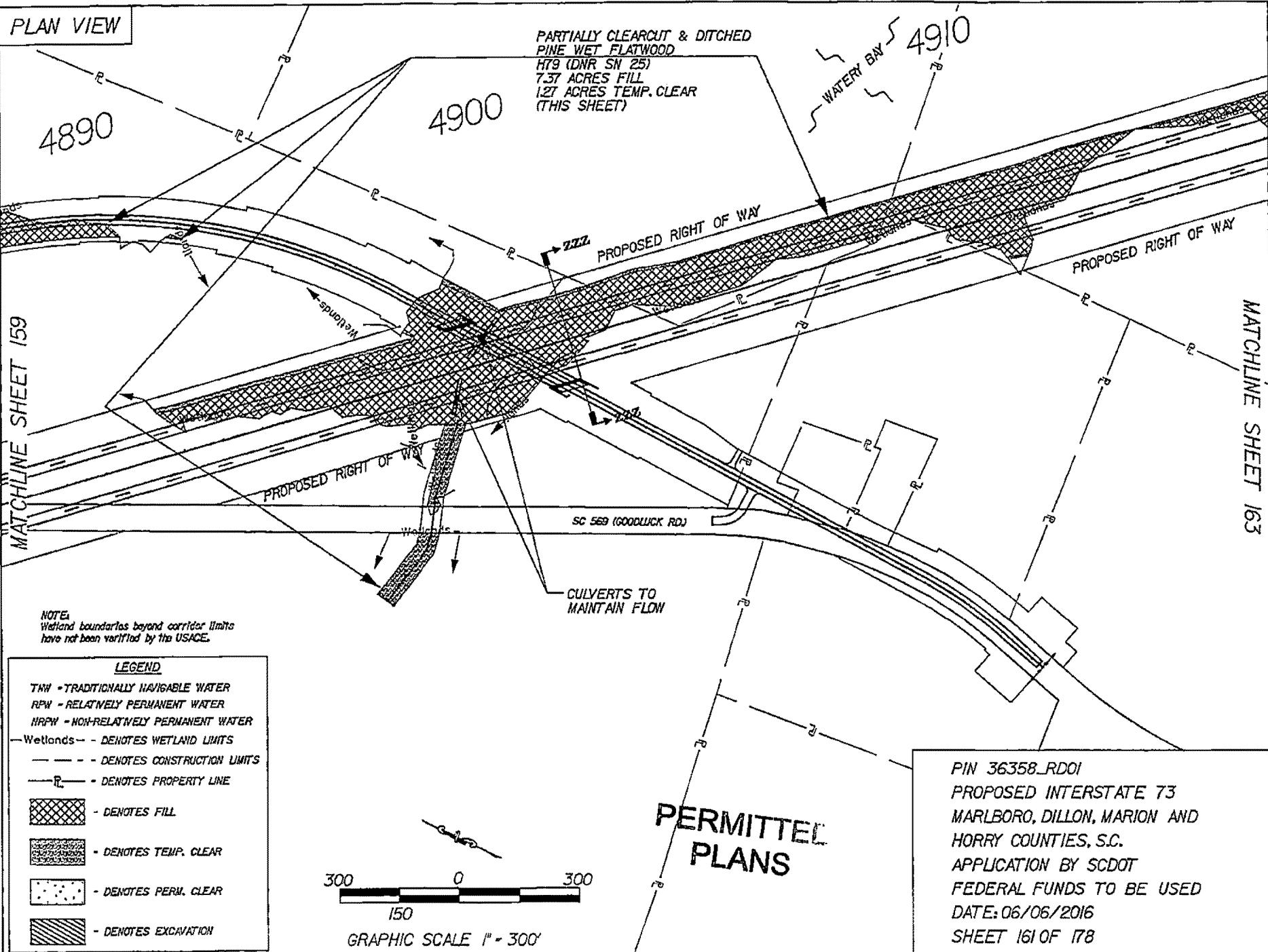
SECTION YYY-YYY



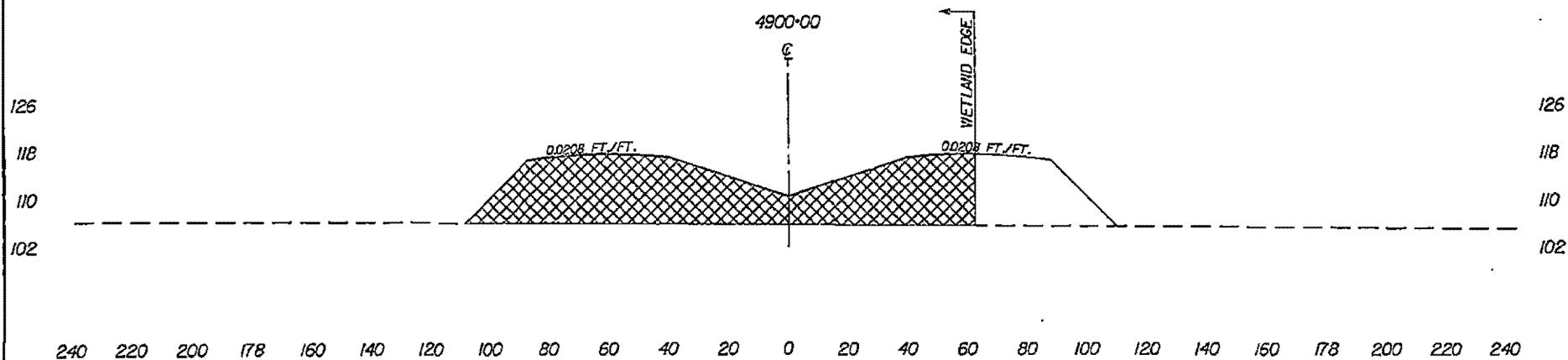
GRAPHIC SCALE 1" - 50' HORIZ.

**PERMITTED  
PLANS**

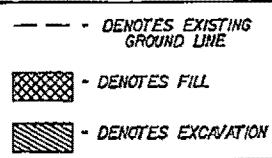
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 160 OF 178



CROSS SECTION



SECTION ZZZ-ZZZ



PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 162 OF 178

PLAN VIEW

WATCLINE SHEET 161

PARTIALLY CLEARCUT & DITCHED  
PINE WET FLATWOOD  
WETLAND ABUTTING RPW  
H79 (CONTINUED) (DNR SN 25)  
4.68 ACRES FILL  
0.77 ACRES TEMP. CLEAR  
(THIS SHEET)

4930

MOSE SWAMP

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
CULVERT

PERENNIAL STREAM  
H81  
0.02 ACRES FILL  
239 LINEAR FEET

300 0 300

GRAPHIC SCALE 1" = 300'

PERMITTED  
PLANS

4940 4950

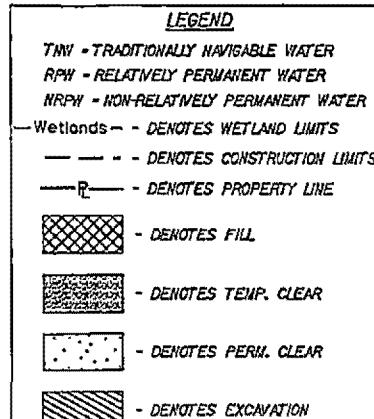
PIPE TO MAINTAIN FLOW

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

PARTIALLY DITCHED PINE WET FLATWOOD  
NON-REGULATED ISOLATED WATER  
H84  
0.12 ACRES FILL  
0.03 ACRES TEMP. CLEAR

NON-JURISDICTIONAL POND  
NON-REGULATED ISOLATED WATER  
H86  
0.50 ACRES FILL

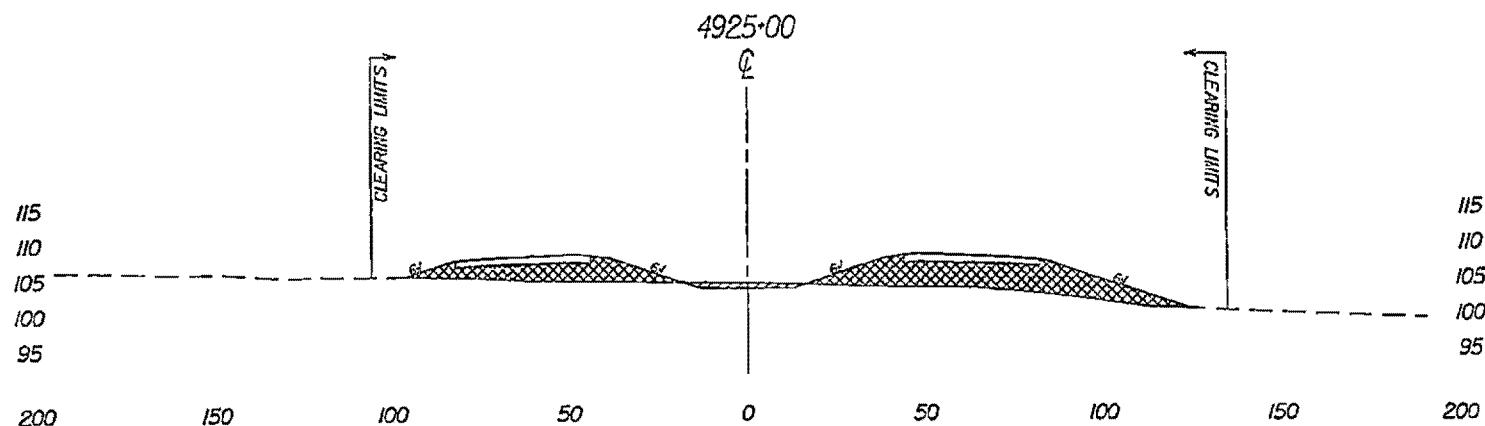


NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

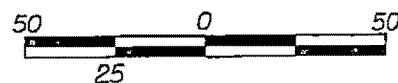
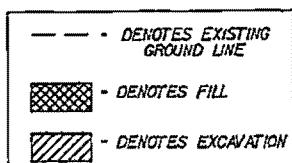
PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 163 OF 178

CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR UNITS



SECTION A1-A1



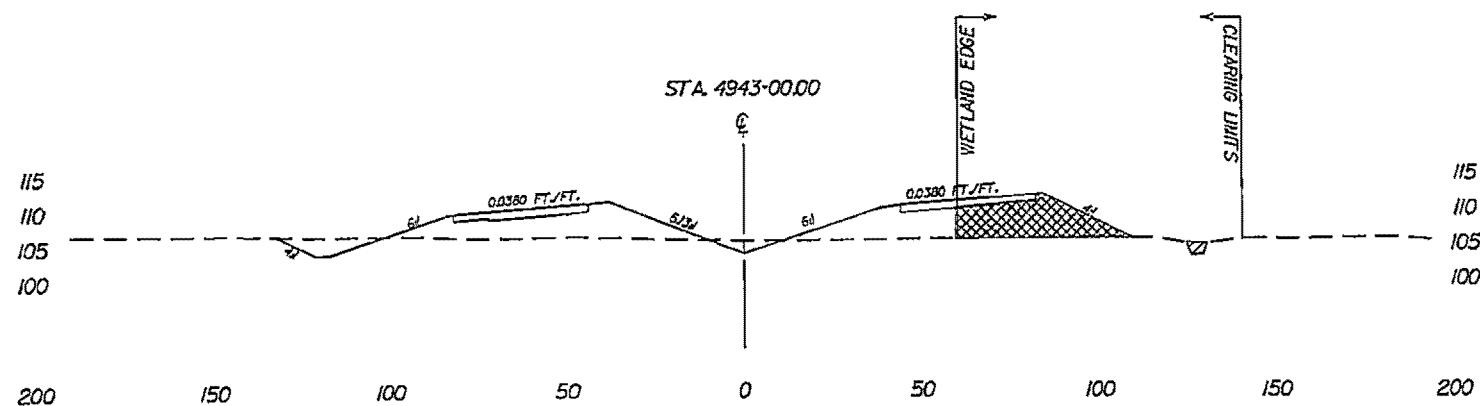
GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED  
PLANS

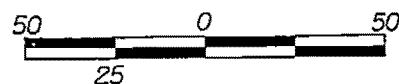
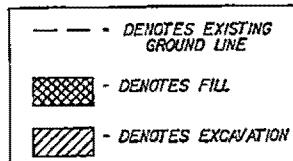
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 164 OF 178

CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR LIMITS



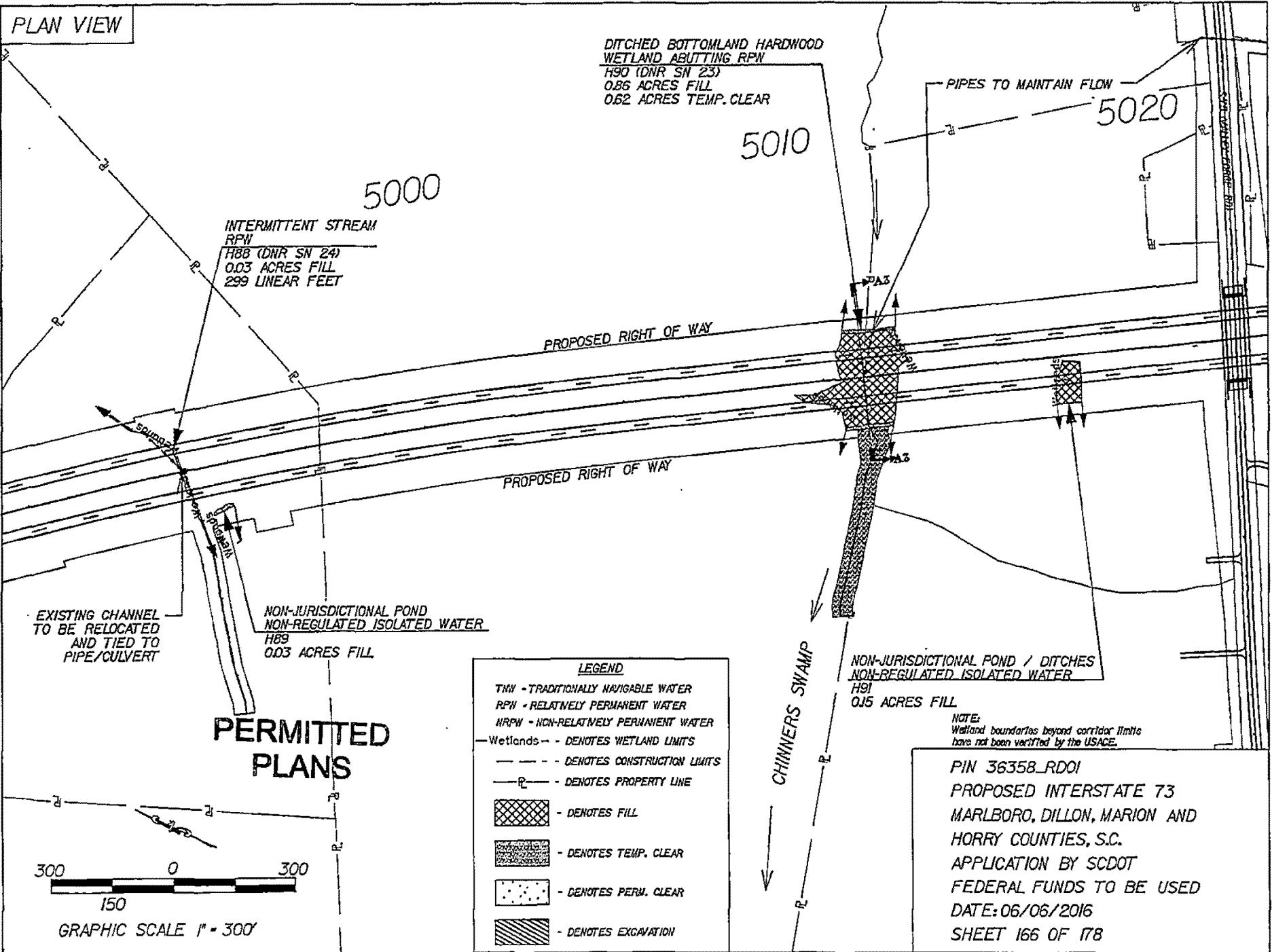
SECTION A2-A2



GRAPHIC SCALE 1' - 50' HORIZ.

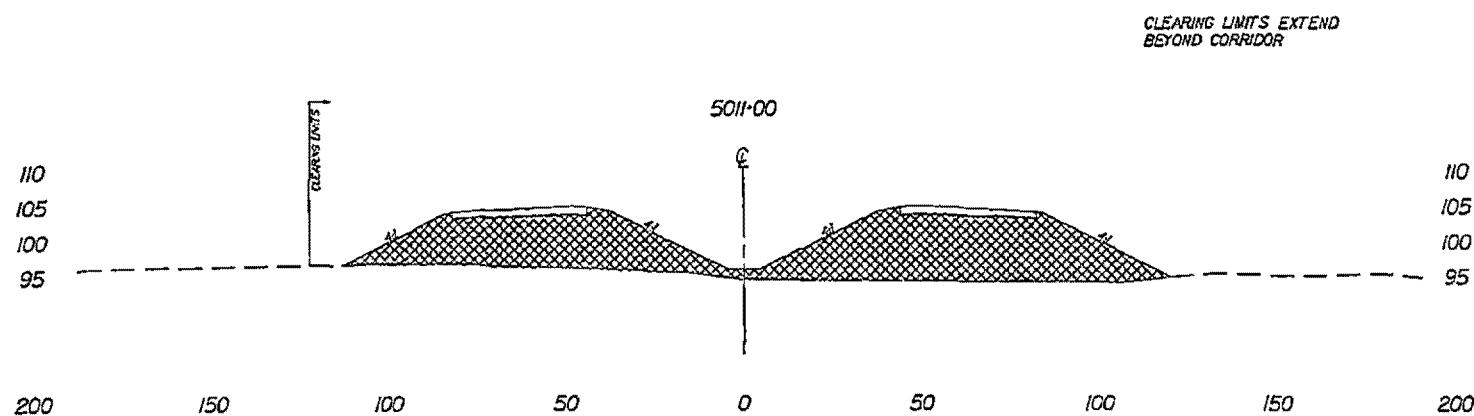
PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 165 OF 178



CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION A3-A3

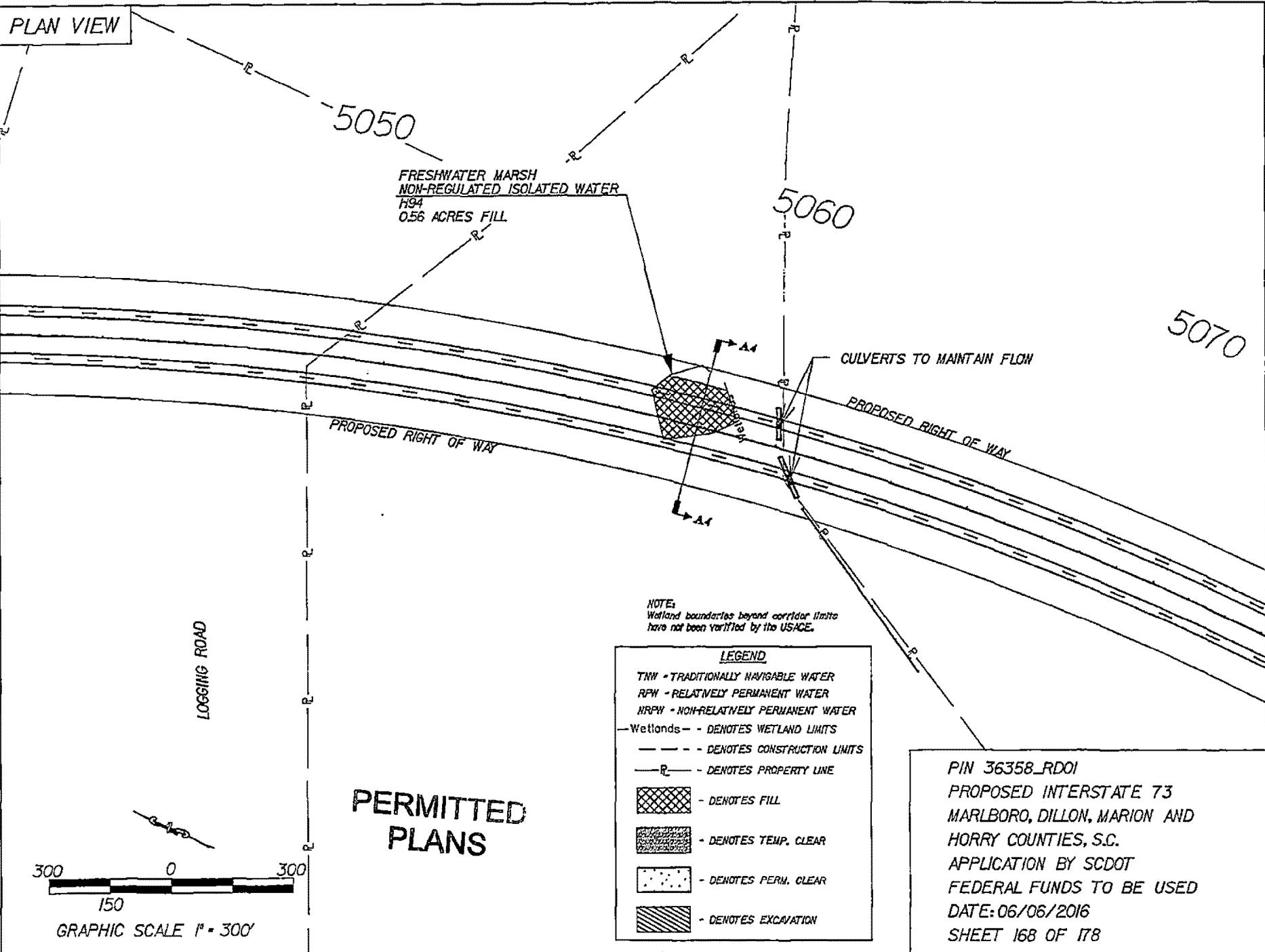
— - - DENOTES EXISTING GROUND LINE  
■ ■ ■ - DENOTES FILL



PERMITTED PLANS

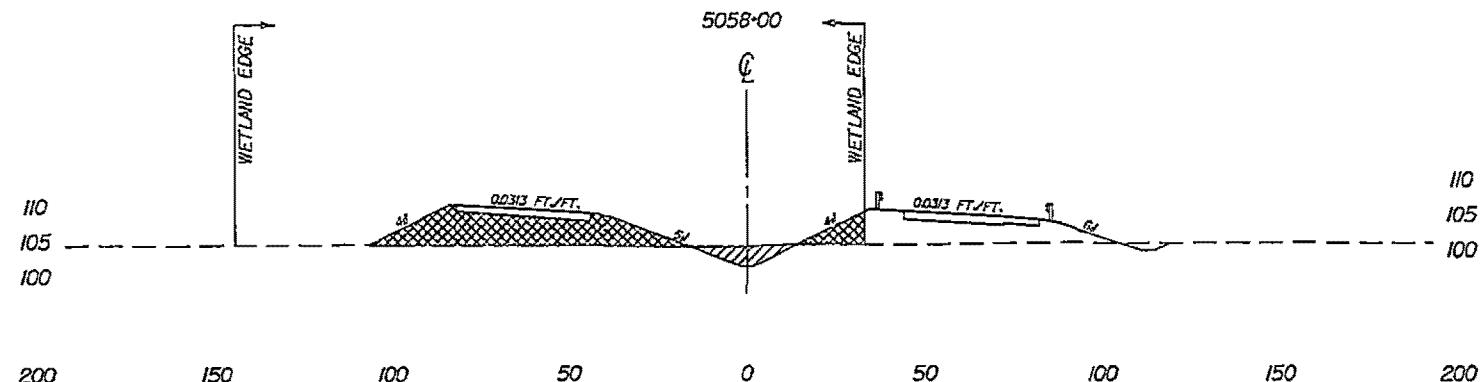
GRAPHIC SCALE 1' = 50' HORIZ.

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 167 OF 178

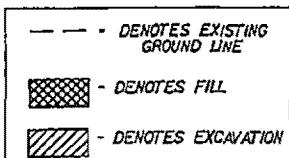


CROSS SECTION

NO CLEARING LIMITS  
WETLAND IS A MARSH



SECTION A4-A4

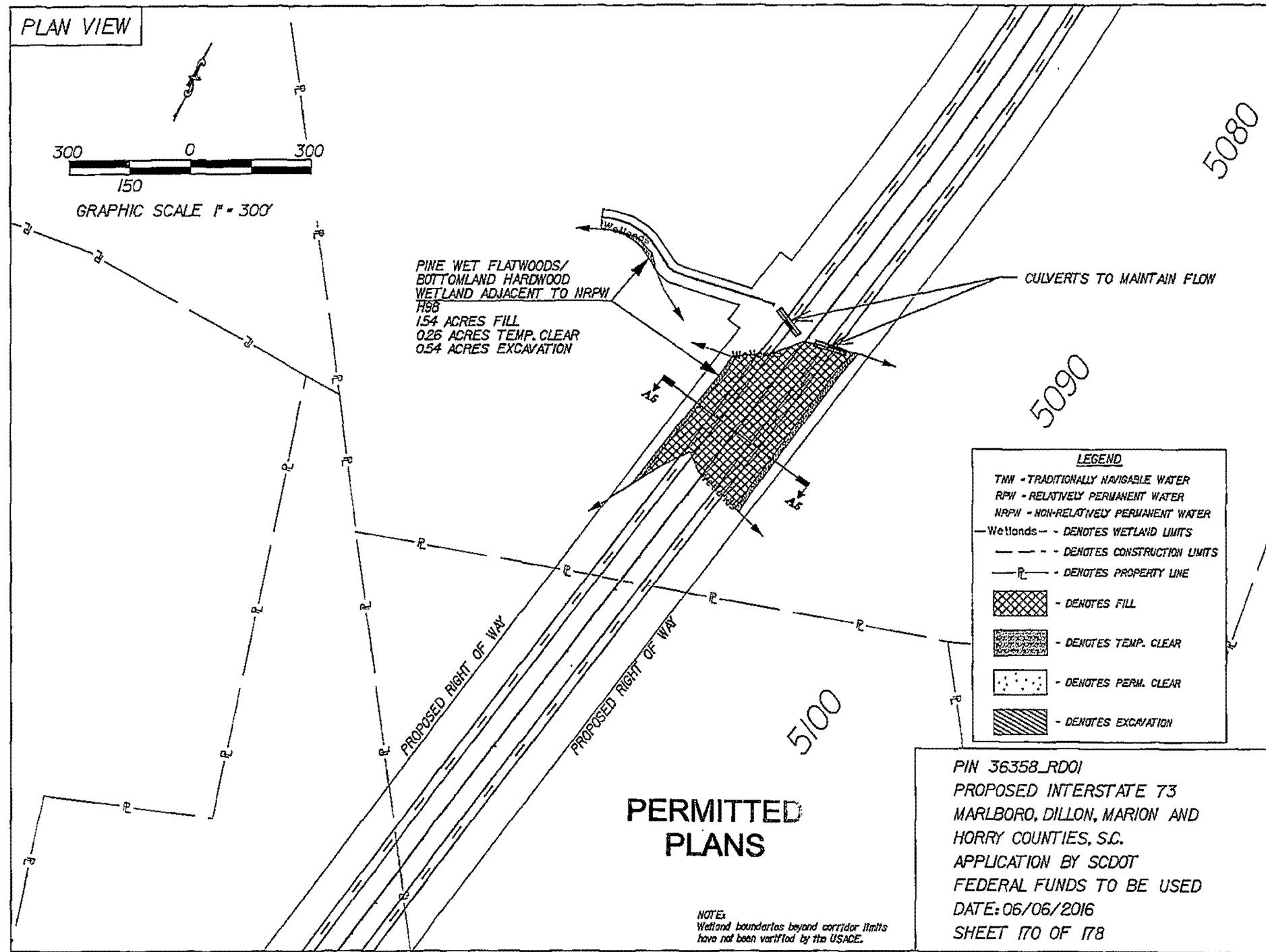


GRAPHIC SCALE 1" = 50' HORIZ.

PERMITTED PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 169 OF 178

### PLAN VIEW



# **PERMITTED PLANS**

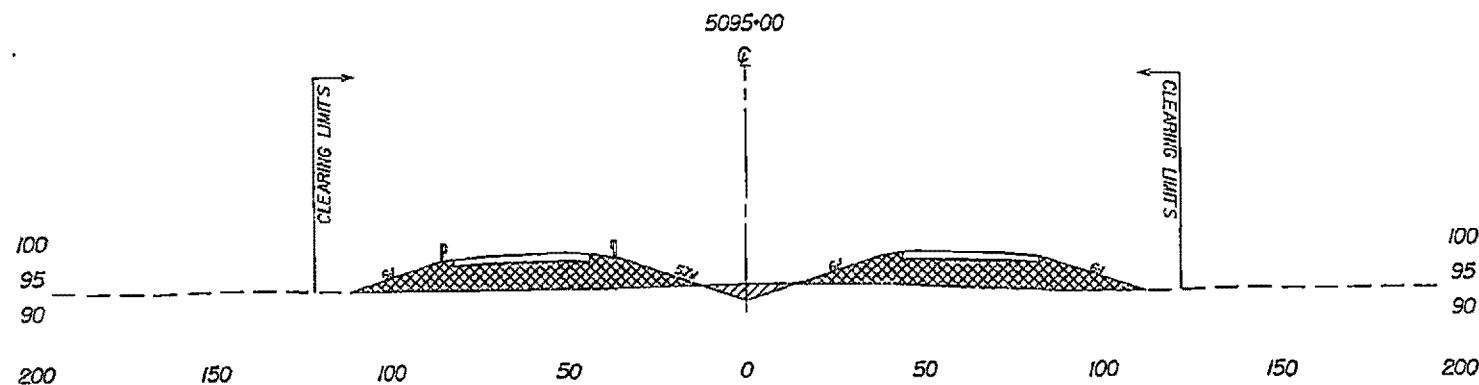
*NOTE:*  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 170 OF 178

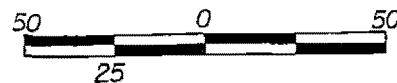
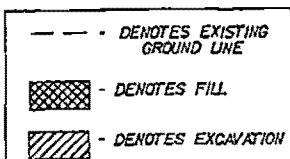
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CROSS SECTION

NOTE:  
WETLAND UNITS EXTEND  
BEYOND CORRIDOR UNITS



SECTION A5-A5



GRAPHIC SCALE 1" = 50' HORIZ.

**PERMITTED  
PLANS**

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 171 OF 178

## PLAN VIEW

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

### LEGEND

- TW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands - - DENOTES WETLAND LIMITS
- - - DENOTES CONSTRUCTION UNITS
- P - - DENOTES PROPERTY LINE
- [Hatched Box] - DENOTES FILL
- [Cross-hatched Box] - DENOTES TEMP. CLEAR
- [Dotted Box] - DENOTES PERM. CLEAR
- [Diagonal-hatched Box] - DENOTES EXCAVATION

HUGHES GASQUE RD.

PIPE TO MAINTAIN FLOW

PROPOSED RIGHT OF WAY

PINE WET FLATWOODS / DITCH  
WETLAND ABUTTING NRPW  
H101  
0.49 ACRES FILL  
0.12 ACRES TEMP. CLEAR

OX/G

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

PINE WET FLATWOOD  
WETLAND ABUTTING RPW  
H104  
0.71 ACRES FILL  
0.48 ACRES TEMP. CLEAR

PROPOSED RIGHT OF WAY

HUGHES GASQUE RD.

PERENNIAL STREAM  
RPW  
H105  
0.02 ACRES FILL  
307 LINEAR FEET

PINE WET FLATWOODS  
WETLAND ABUTTING NRPW  
H103  
0.73 ACRES FILL  
0.08 ACRES TEMP. CLEAR

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

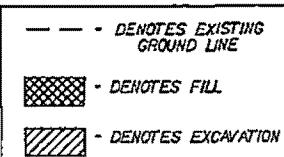
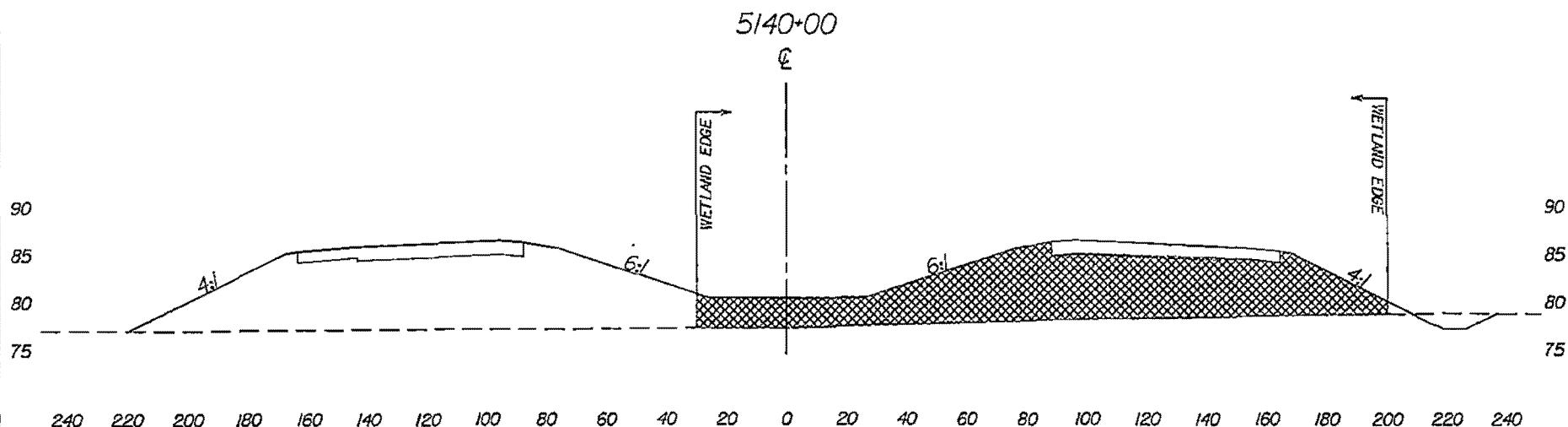
PERMITTED  
PLANS

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 172 OF 178

300  
0  
150  
GRAPHIC SCALE 1" = 300'

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS

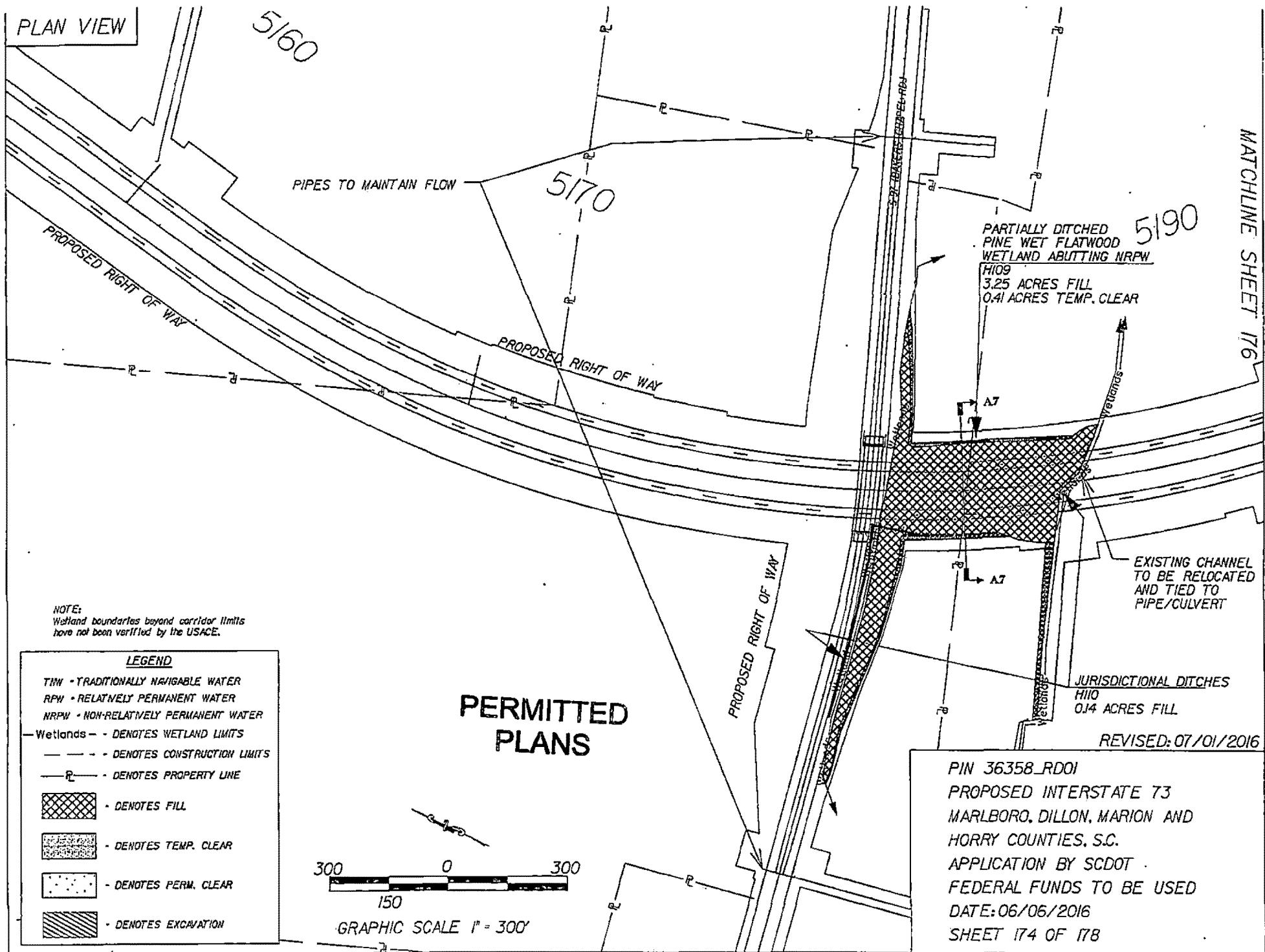


PERMITTED  
PLANS

GRAPHIC SCALE 1" = 50' HORIZ.

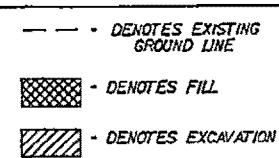
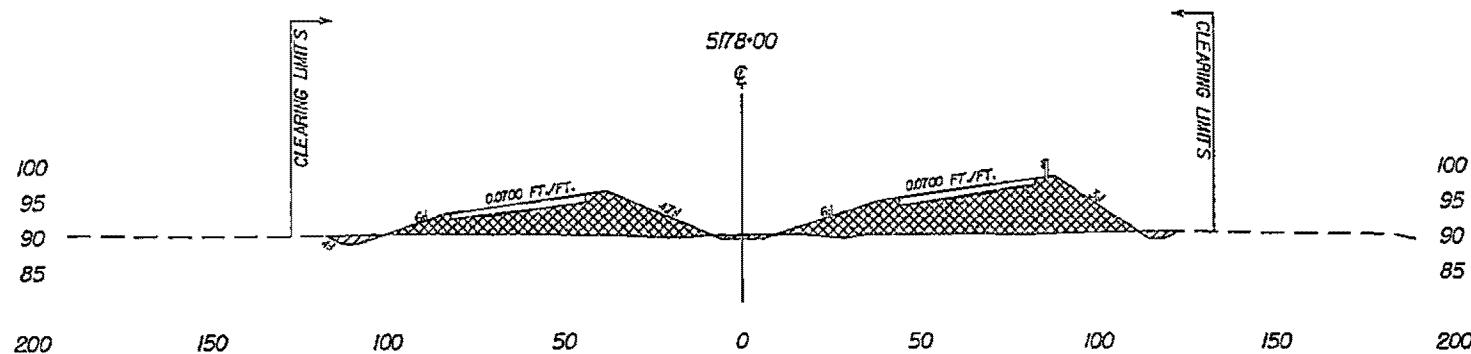
PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCUDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 173 OF 178

MATCHLINE SHEET 176



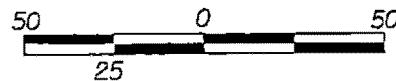
CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS



SECTION A7-A7

PERMITTED  
PLANS



GRAPHIC SCALE 1" = 50' HORIZ.

PIN 36358\_RD01  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 175 OF 178

## PLAN VIEW

JURISDICTIONAL DITCHES  
HII8  
0.14 ACRES FILL

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

PARTIALLY DITCHED &  
CLEARCUT  
PINE WET FLATWOOD  
WETLAND ABUTTING RPW  
HII1 (DNR SN 22)  
5.63 ACRES FILL  
1.15 ACRES TEMP. CLEAR  
0.37 ACRES EXCAVATION

MATCHLINE SHEET 174

MATCHLINE SHEET 178

DECIDUOUS SHRUB SWAMP  
WETLAND ADJACENT TO NRPW  
HII9  
1.95 ACRES TEMP. CLEAR

CROSS BRANCH  
5200

EXISTING CHANNEL  
TO BE RELOCATED  
AND TIED TO  
PIPE/CULVERT

PIPES TO MAINTAIN FLOW

PIPES TO MAINTAIN FLOW

## LEGEND

- TMW - TRADITIONALLY NAVIGABLE WATER
- RPW - RELATIVELY PERMANENT WATER
- NRPW - NON-RELATIVELY PERMANENT WATER
- Wetlands -- DENOTES WETLAND LIMITS
- - - DENOTES CONSTRUCTION UNITS
- R - DENOTES PROPERTY LINE
- - - DENOTES FILL
- - - DENOTES TEMP. CLEAR
- - - DENOTES PERM. CLEAR
- - - DENOTES EXCAVATION

**PERMITTED  
PLANS**

PIN 36358\_RDO1

PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.

APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED

DATE: 06/06/2016

SHEET 176 OF 178 REVISED: 07/01/2016

PINE WET FLATWOOD  
WETLAND ABUTTING RPW  
HII7  
1.36 ACRES TEMP. CLEAR

PINE WET FLATWOOD  
WETLAND ABUTTING RPW  
HII6  
0.44 ACRES TEMP. CLEAR

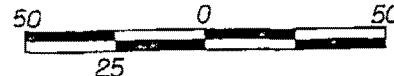
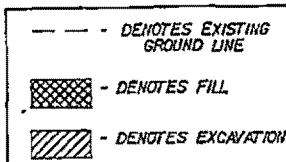
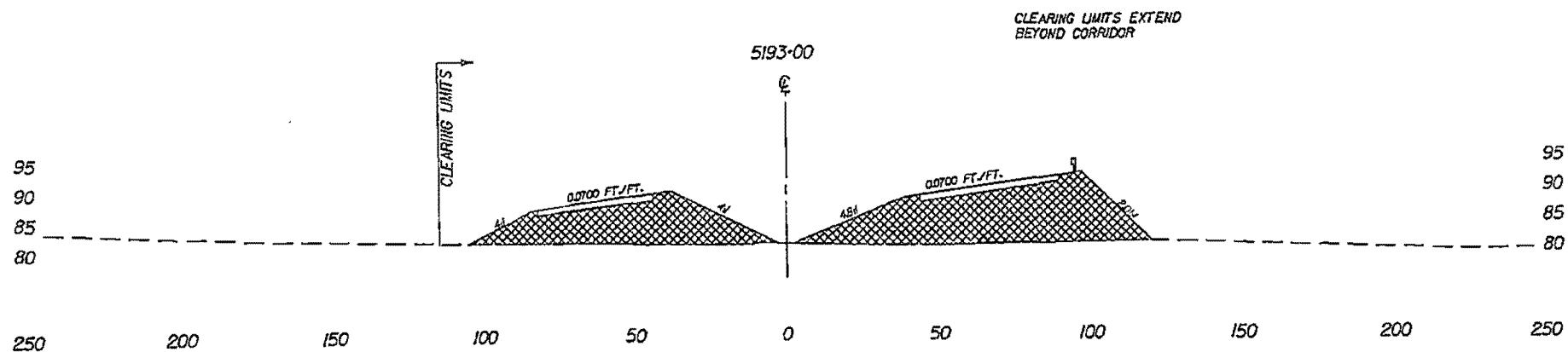
PINE WET FLATWOOD  
WETLAND ABUTTING RPW  
HII5  
0.28 ACRES TEMP. CLEAR

300 0 300  
150  
GRAPHIC SCALE 1" - 300'

NOTE:  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

CROSS SECTION

NOTE:  
WETLAND LIMITS EXTEND  
BEYOND CORRIDOR LIMITS

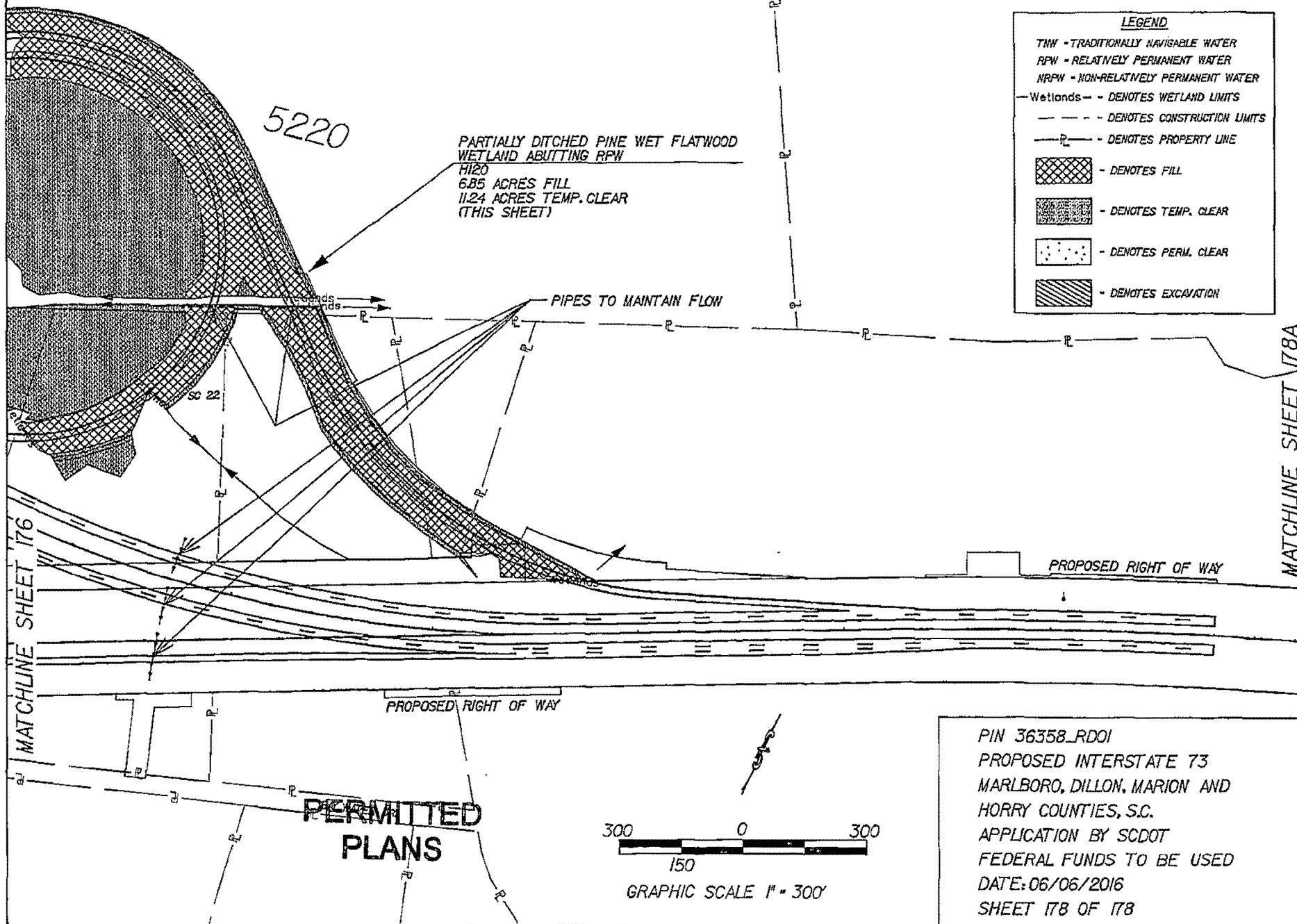


GRAPHIC SCALE 1" = 50' HORIZ.

## PERMITTED PLANS

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SCDOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 177 OF 178

PLAN VIEW



PLAN VIEW

**NOTE:**  
Wetland boundaries beyond corridor limits  
have not been verified by the USACE.

<b>LEGEND</b>	
—	TNW - TRADITIONALLY NAVIGABLE WATER
- - -	RPW - RELATIVELY PERMANENT WATER
—	NRPW - NON-RELATIVELY PERMANENT WATER
— Wetlands —	DENOTES WETLAND LIMITS
— — —	DENOTES CONSTRUCTION LIMITS
— P —	DENOTES PROPERTY LINE
[diagonal hatching]	DENOTES FILL
[solid black]	DENOTES TEMP. CLEAR
[dotted]	DENOTES PERM. CLEAR
[cross-hatching]	DENOTES EXCAVATION

PARTIALLY DITCHED PINE WET FLATWOOD  
WETLAND ABUTTING RPW

H123  
0.19 ACRES FILL  
0.54 ACRES TEMP. CLEAR

300 0 300  
150  
GRAPHIC SCALE 1" = 300'

PIN 36358\_RDOI  
PROPOSED INTERSTATE 73  
MARLBORO, DILLON, MARION AND  
HORRY COUNTIES, S.C.  
APPLICATION BY SC DOT  
FEDERAL FUNDS TO BE USED  
DATE: 06/06/2016  
SHEET 178A OF 178

**PERMITTED  
PLANS**



Healthy People. Healthy Communities.

April 26, 2017

Mr. Sean Connolly  
SC Department of Transportation  
955 Park St Room 506  
PO Box 191  
Columbia SC 29201-3959

Re: Certification in Accordance with Section 401 of the Clean Water Act, as amended,  
with conditions pursuant to R. 19-450 et. seq., 1976 SC Code of Laws,  
*Permits for Construction in Navigable Waters*  
Certification in Accordance with the Coastal Zone Management  
Program (48-39-10 et. seq., and 15 CFR 93)

SC Department of Transportation  
Construction of a new-location 4-lane interstate (**I-73**)  
Wetlands and tributaries associated with various creeks, swamps, branches and bays  
Marlboro, Dillon, Marion and Horry Counties  
P/N SAC 2008-01333 (Revised)

Dear Sir or Madam:

South Carolina Department of Health & Environmental Control (DHEC) has reviewed plans for this project and determined that there is a reasonable assurance that the proposed project will be conducted in a manner consistent with the Certification requirements of Section 401 of the Federal Clean Water Act, as amended, the Coastal Zone Management Program (48-39-10 et. seq., and 15 CFR 93) and the permitting requirements of R. 19-450 et. seq., 1976 SC Code of Laws.

In accordance with the provisions of Section 401, we certify that this project, subject to the indicated conditions, is consistent with applicable provisions of Section 303 of the Federal Clean Water Act, as amended. We also hereby certify that there are no applicable effluent limitations under Sections 301(b) and 302, and that there are no applicable standards under Sections 306 and 307.

This certification is subject to the following conditions:

1. The applicant must implement appropriate best management practices that will minimize erosion and migration of sediments on and off the project site during and after construction. These practices should include the use of appropriate grading and sloping techniques, mulches, silt fences, or other devices capable of preventing erosion, migration of sediments, and bank failure. All disturbed land surfaces and sloped areas affected by the project must be stabilized upon project completion.

2. Post construction stormwater must be treated using grassed swales, grass ditches, retention basins and other storm water treatment structures, as proposed.
3. Measures must be taken to prevent the spread and establishment of invasive species to the extent practicable, as proposed.
4. Appropriate containment measures must be taken to prevent pollutants such as gasoline, oil, tar, and debris and other pollutants from entering the adjacent waters or wetlands.
5. Only clean earthen material free of all potential sources of pollution must be used as fill.
6. A sufficient number of adequately sized culverts must be placed at the same elevation as the streams and wetlands to maintain flows, wetland hydrology, and unrestricted aquatic life passage.
7. During bridge construction, access to the project site must be attained from highland, from the portion of the bridge already completed ("end on end construction") or from floating barges or mats (instead of barge canals or causeways).
8. SCDOT must implement a seasonal moratorium pertaining to the shortnose sturgeon in the Little Pee Dee River, for all in-water work between February 15 and April 30 of each year. In addition, work must not impede more than 50% of the channel the rest of the year.
9. Construction activities must avoid to the greatest extent practicable, encroachment into any wetland/river bank areas not designated as impact areas.
10. In the event that any historic or cultural resources and/or archaeological materials are found during the course of work, the applicant must notify the State Historic Preservation Office and the South Carolina Institute of Archaeology and Anthropology. Historic or cultural resources consist of those sites listed in the National Register of Historic Places and those sites that are eligible for the National Register. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include, but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal materials.
11. Project impacts must be offset in accordance with the final mitigation plan involving the preservation, restoration and enhancement measures of the Gunters Island site. Protection of this site will be provided through the SCDNR Heritage Preserve program. Any modifications to this plan must be approved by SCDHEC and the USACE.

DHEC reserves the right to impose additional conditions on this Certification to respond to unforeseen, specific problems that may arise and to take any enforcement action necessary to ensure compliance with State water quality standards.

Sincerely,



Heather Preston, Director  
Division of Water Quality  
Bureau of Water

cc: U.S. Army Corps of Engineers,  
Charleston District Office  
Environmental Affairs District Offices- Marlboro, Dillon, Marion and Horry Counties